Fleet Manager II

Data Management Software

Operator's Manual

BW Technologies
by Honeywell

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Fleet Manager II

Contacting BW Technologies by Honeywell

To contact BW Technologies by Honeywell, call

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Other countries: +1-403-248-9226

Email us at: info@gasmonitors.com

Visit BW Technologies by Honeywell's website at: www.gasmonitors.com.

Default Password

The initial default password is “Admin”. BW recommends changing the initial default password. Refer to Changing the Administration Function Password.

Note

MicroDock II is referred to as the base station.a

Fleet Manager version

This manual refers to version 2.6 of Fleet Manager II.

Introduction

This user manual provides information for Fleet Manager II. Fleet Manager II allows users to

- import event logs, bump test and calibration results, and datalogs from detectors and base stations,
- generate bump test certificates, calibration certificates, and detector status reports,
- manage users and base stations,
- configure detectors, and
- archive and save the Fleet Manager II database.

Guidelines

- Fleet Manager II provides best results when detector event logs and datalogs are imported to Fleet Manager II on a regular schedule.
- To ensure calibration and bump test intervals are accurate, bump test and calibrate the detectors with a base station.
- Ensure the base station is activated when importing data or saving data to the base station.

Installation

Note

If installing Fleet Manager II to switch languages, Fleet Manager II translates events, bump tests, and calibrations into the selected language. Previously imported datalogs will not be translated.

After installing Fleet Manager II, refer to Configuring Fleet Manager II to properly configure settings.

System Requirements

These versions of the Microsoft Windows operating system support Fleet Manager II:

- Windows 7
- Windows Vista
- Windows XP

Windows Vista and Windows 7 System Requirements

- 2 GHz processor
- 100 MB of free disk space
- 2 GB of RAM

Windows XP System Requirements

- 800 MHz processor
- 100 MB of free disk space
- 512 MB of RAM

The PC must also have the following software:

- A PDF reader

Software Installation

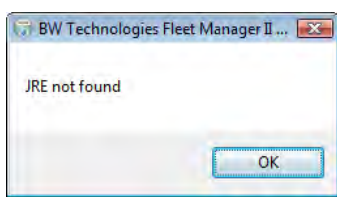
To install Fleet Manager II for Windows XP, refer to Installing for Windows XP.

To install Fleet Manager II for Windows Vista and Windows 7, refer to Installing for Windows Vista and Windows 7.

Installing for Windows Vista and Windows 7

To install Fleet Manager II in Windows Vista and Windows 7, complete the following:

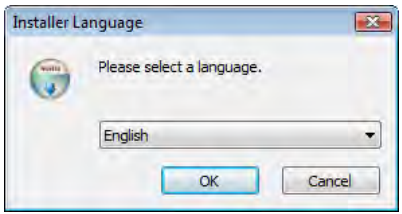
1. Insert the Fleet Manager II CD ROM into the PC.
2. The User Account Control dialog box displays. Select **Allow. I trust this program. I know where it's from or I've used it before**.
3. If Java Runtime is not installed on the PC, the following dialog box displays.



If Java is currently installed, the Fleet Manager II Setup dialog box displays. Proceed to step #5.

4. Click OK. Fleet Manager II automatically installs Java Run-time. When Java is installed, the Installer Language dialog box displays.

5. The Installer Language dialog box displays.



6. Select a language from the drop-down menu.

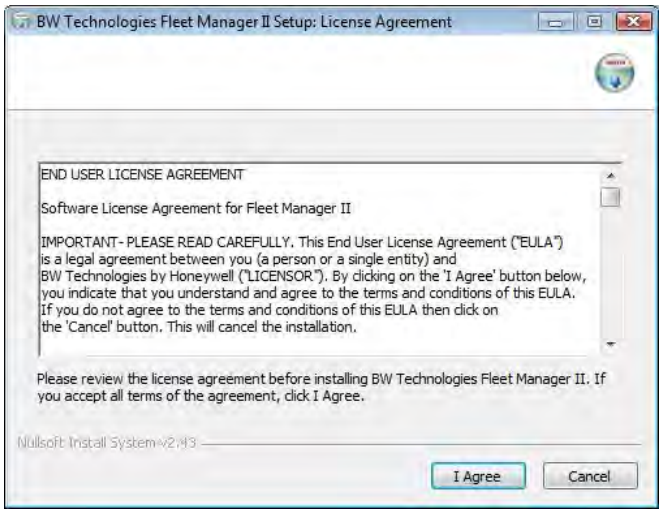
Note

All text in the install sequence and Fleet Manager II appears in the selected language.

If installing Fleet Manager II to switch languages, Fleet Manager II translates events, bump tests, and calibrations into the selected language. Previously imported datalogs will not be translated.

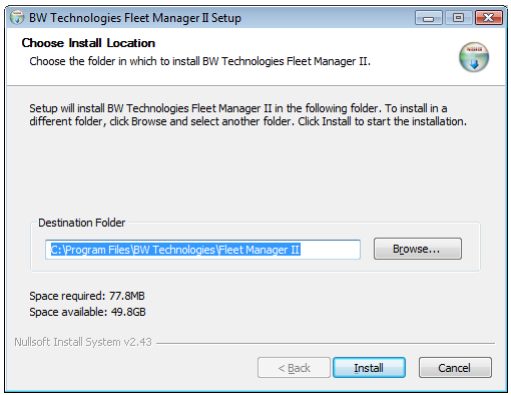
7. Click **OK**.

   The End User License Agreement dialog box displays.


BW Technologies Fleet Manager II Setup: License Agreement
END USER LICENSE AGREEMENT
Software License Agreement for Fleet Manager II
IMPORTANT- PLEASE READ CAREFULLY. This End User License Agreement ("EULA") is a legal agreement between you (a person or a single entity) and BW Technologies by Honeywell ("LICENSOR"). By clicking on the 'I Agree' button below, you indicate that you understand and agree to the terms and conditions of this EULA. If you do not agree to the terms and conditions of this EULA then click on the 'Cancel' button. This will cancel the installation.
Please review the license agreement before installing BW Technologies Fleet Manager II. If you accept all terms of the agreement, click I Agree.
Nullsoft Install System v2.43
I Agree
Cancel

8. Click **I Agree**.

   The destination folder dialog box displays.

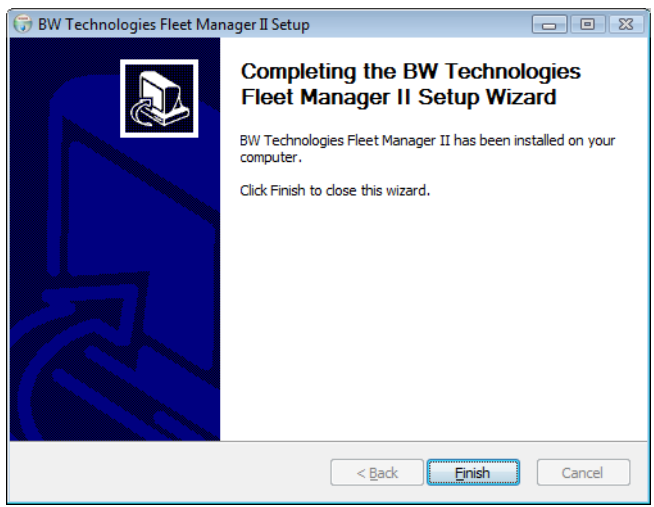

BW Technologies Fleet Manager II Setup
Choose Install Location
Choose the folder in which to install BW Technologies Fleet Manager II.
Setup will install BW Technologies Fleet Manager II in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
C:\Program Files\BW Technologies\Fleet Manager II
Browse...
Space required: 77.8MB
Space available: 49.8GB
Nullsoft Install System v2.43
< Back
Install
Cancel

If the install location dialog box does not display, complete the following:

- From the desktop, double click **My Computer**.
- Double click the **CD Drive**. The setup automatically begins. Proceed to step #8.

9. From the Software Installation Wizard dialog box, click **Install**.
   - The install program automatically creates a folder on the C: drive for the software.

     Or
   - Click **Browse** to select a different location to save the software and then click **Install**.
10. When the software installation is complete, the Fleet Manager II Installation Complete dialog box displays.


BW Technologies Fleet Manager II Setup
Completing the BW Technologies Fleet Manager II Setup Wizard
BW Technologies Fleet Manager II has been installed on your computer.
Click Finish to close this wizard.
< Back
Finish
Cancel

11. Refer to Installing the USB Driver for Windows Vista and Windows 7.

Installing for Windows XP

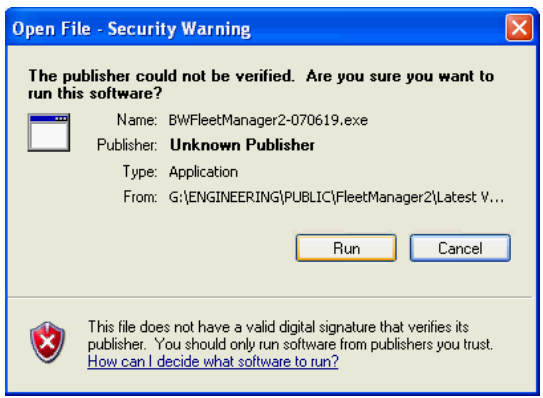
To install Fleet Manger II in Windows XP, complete the following:

1. Insert the Fleet Manager II CD ROM into the PC.

   If Java Runtime is not installed on the PC, the following dialog box displays.

   If Java is currently installed, the Fleet Manager II Setup dialog box displays. Proceed to Step #3.

2. Click **OK**. Fleet Manager II automatically installs Java Run-time. When Java is installed, the Open File - Security Warning dialog box displays.


Open File - Security Warning
The publisher could not be verified. Are you sure you want to run this software?
Name: BWFleetManager2-070619.exe
Publisher: Unknown Publisher
Type: Application
From: G:\ENGINEERING\PUBLIC\FleetManager2\Latest V...
Run
Cancel
This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust.
How can I decide what software to run?

Note

The Fleet Manager II software is thoroughly tested by BW Technologies by Honeywell and will not harm your PC.

3. Click **Run**.

   The Installer Language dialog box displays.

4. Select a language from the drop-down menu.

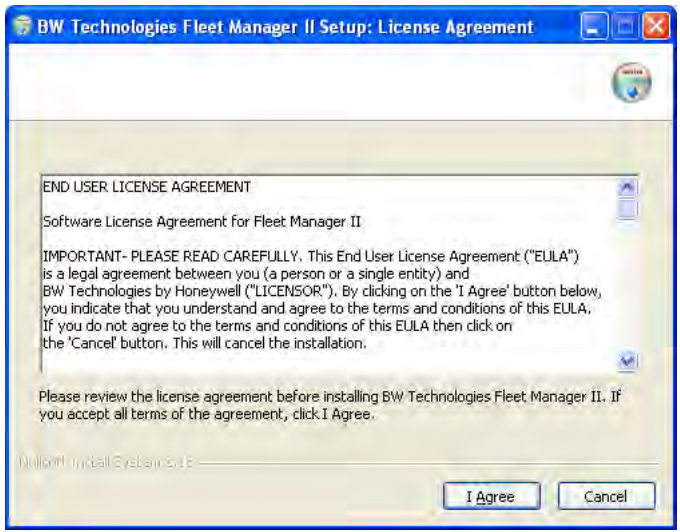
Note

All text in the install sequence and Fleet Manager II appears in the selected language.

If installing Fleet Manager II to switch languages, Fleet Manager II translates events, bump tests, and calibrations into the selected language. Previously imported datalogs will not be translated.

5. Click **OK**.

   The End User License Agreement dialog box displays.


BW Technologies Fleet Manager II Setup: License Agreement
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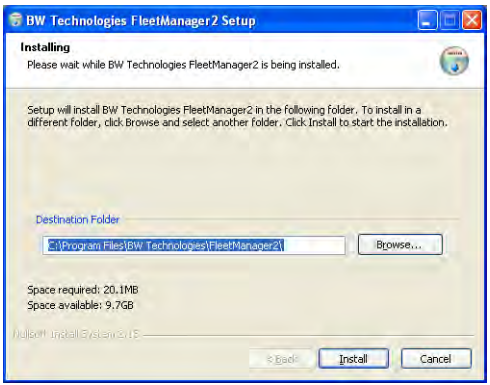
Software License Agreement for Fleet Manager II
IMPORTANT- PLEASE READ CAREFULLY. This End User License Agreement ("EULA") is a legal agreement between you (a person or a single entity) and BW Technologies by Honeywell ("LICENSOR"). By clicking on the 'I Agree' button below, you indicate that you understand and agree to the terms and conditions of this EULA. If you do not agree to the terms and conditions of this EULA then click on the 'Cancel' button. This will cancel the installation.
Please review the license agreement before installing BW Technologies Fleet Manager II. If you accept all terms of the agreement, click I Agree.
I Agree
Cancel

6. Click **I Agree**.

   The destination folder dialog box displays.


BW Technologies FleetManager2 Setup
Installing
Please wait while BW Technologies FleetManager2 is being installed.
Setup will install BW Technologies FleetManager2 in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
C:\Program Files\BW Technologies\FleetManager2\
Browse...
Space required: 20.1MB
Space available: 9.7GB
Nullsoft Install System v2.15
< Back
Install
Cancel

   If the Setup dialog box does not display, complete the following:

   - From the desktop, double click **My Computer**.
   - Double click the **CD Drive**. The setup automatically begins. Proceed to step #5.

7. From the Software Installation Wizard dialog box, click **Install**.

   - The install program automatically creates a folder on the C: drive for the software.

     Or

   - Click **Browse** to select a different location to save the software and then click **Install**.

8. When the USB driver installation is complete, the Fleet Manager II Installation Complete dialog box displays.

BW Technologies FleetManager2 Setup
Completing the BW Technologies FleetManager2 Setup Wizard
BW Technologies FleetManager2 has been installed on your computer.
Click Finish to close this wizard.
< Back
Finish
Cancel

⚠ Caution

Do not remove the Fleet Manager II CD from the PC.

9. Click **Finish**.

To install the IR Link, refer to the following section Installing the USB Driver.

Installing the USB Driver

To use the IR Link with the GasAlertMicroClip / GasAlertMicroClip XT and GasAlertMax XT / GasAlertMax XT II, a USB driver must be installed on the PC. Refer to Table 1 for IR Link and operating system compatibility.

Table 1. IR Link Compatibility

Characteristic	Old IR Link	New IR Link
Label (The label is on the part that connects with the detector. Refer to Figure 15.)		
Fleet Manager II version	Compatible with all versions of Fleet Manager II	Version 2.2 or higher must be installed to use the new IR Link
Detector compatibility	GasAlertMicroClip GasAlertMax XT	GasAlertMicroClip GasAlertMicroClip XT GasAlertMax XT GasAlertMax XT II GasAlertQuattro
PC operating systems	Windows XP	Windows XP Windows Vista Windows 7

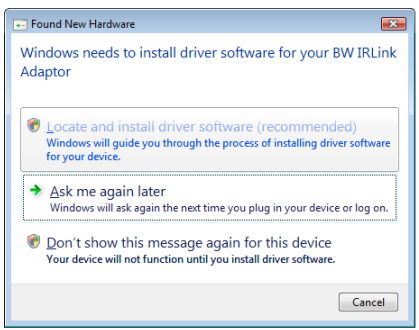
Depending upon the operating system, select one of the following sections to install the USB driver.

- Installing the USB Driver for Windows Vista and Windows 7
- Installing the USB Driver for Windows XP

Installing the USB Driver for Windows Vista and Windows 7

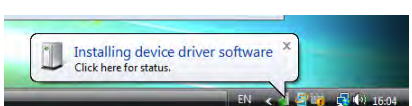
To finish installing the USB driver, the IR Link must be connected.

1. Connect the IR Link to the USB cable. Refer to Figure 15.
2. Connect the USB cable to the USB port on the PC.
3. When the USB driver is installing, the following window displays.

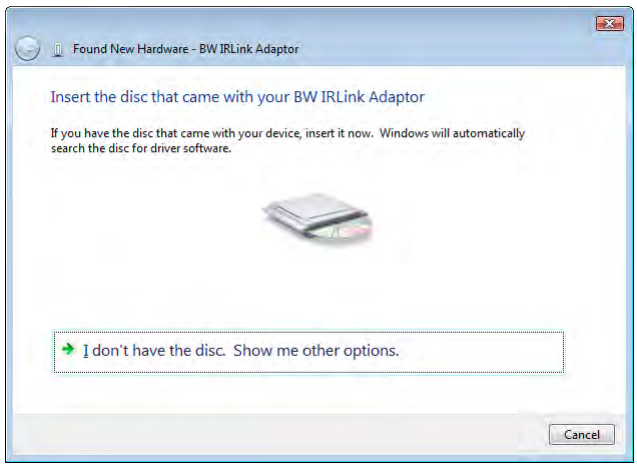

Found New Hardware
Windows needs to install driver software for your BW IRLink Adaptor
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

4. Select **Locate and install driver software (recommended)**.

   When the computer recognizes that new hardware is connected to the port, the following popup and Found New Hardware window display.



The Found New Hardware - BW IRLink Adapter displays.

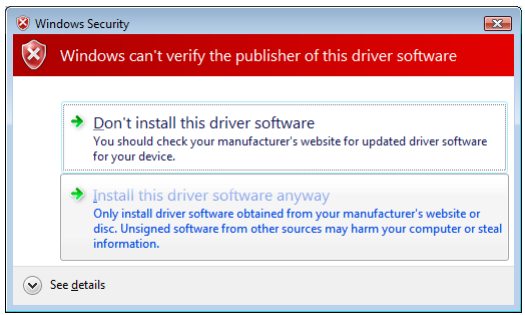

Found New Hardware - BW IRLink Adaptor
Insert the disc that came with your BW IRLink Adaptor
If you have the disc that came with your device, insert it now. Windows will automatically search the disc for driver software.
I don't have the disc. Show me other options.
Cancel

5. If it is not already installed, insert the disc into the CD-ROM player.

Note

If the disc is not available, click **I don't have the disc. Show me other options** *and refer to the following section* *Installing the Driver Without the Disc*.

The following screen displays.

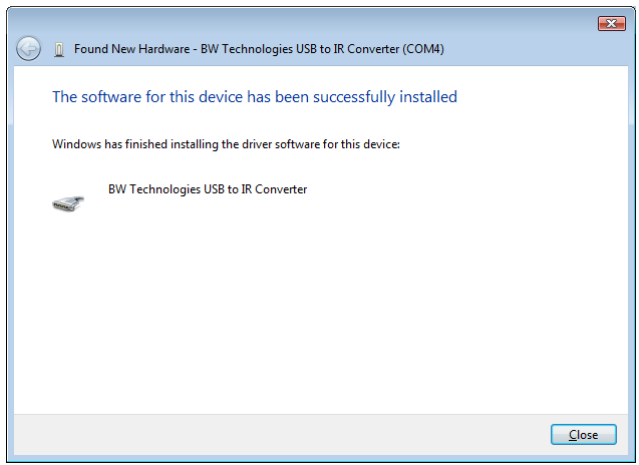

Windows Security
Windows can't verify the publisher of this driver software
Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
See details

6. Select **Install this driver software anyway**.

Note

The USB driver software is thoroughly tested by BW Technologies by Honeywell and will not harm your PC.

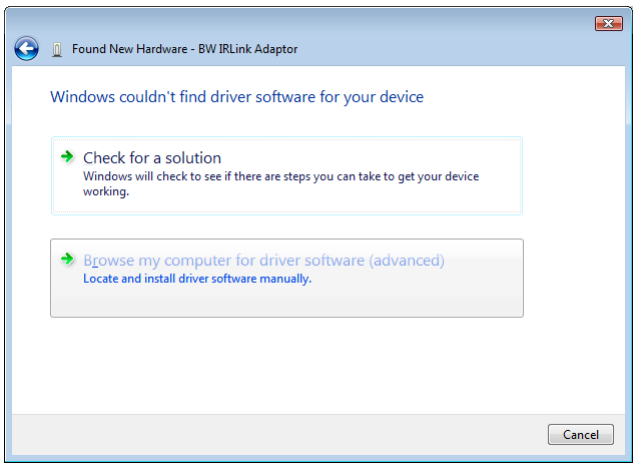
When the driver is successfully installed, the following screen displays.


Found New Hardware - BW Technologies USB to IR Converter (COM4)
The software for this device has been successfully installed
Windows has finished installing the driver software for this device:
BW Technologies USB to IR Converter
Close

7. Proceed to
   - Mapping the MicroDock II to the C:\ Drive
   - Importing Data into Fleet Manager II, or
   - Configuring Fleet Manager II.

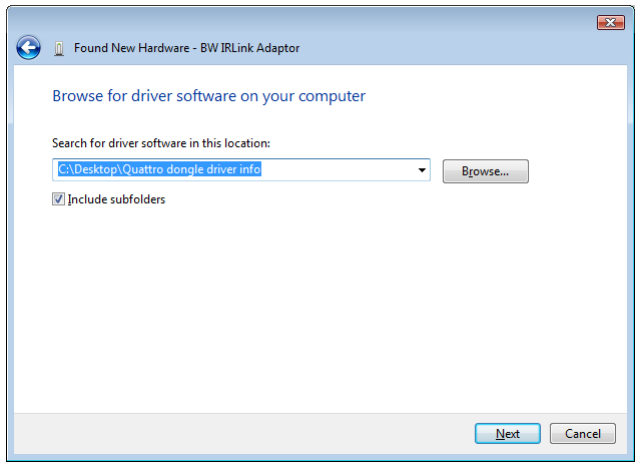
Installing the Driver Without the Disc

After selecting **I don't have the disc. Show me other options**, the following screen displays.


Found New Hardware - BW IRLink Adaptor
Windows couldn't find driver software for your device
Check for a solution
Windows will check to see if there are steps you can take to get your device working.
Browse my computer for driver software (advanced)
Locate and install driver software manually.
Cancel

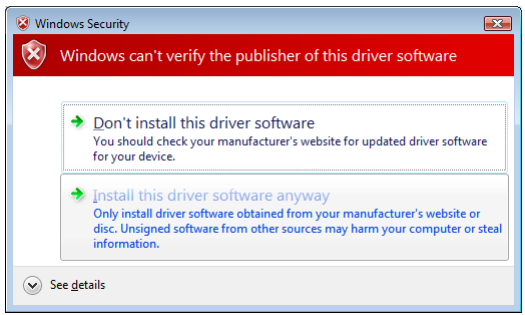
1. Click **Browse my computer for driver software (advanced)**.

   The following screen displays.



2. Browse to **C:\Desktop\Quattro dongle driver info** and click **Next**.

   The following screen displays.

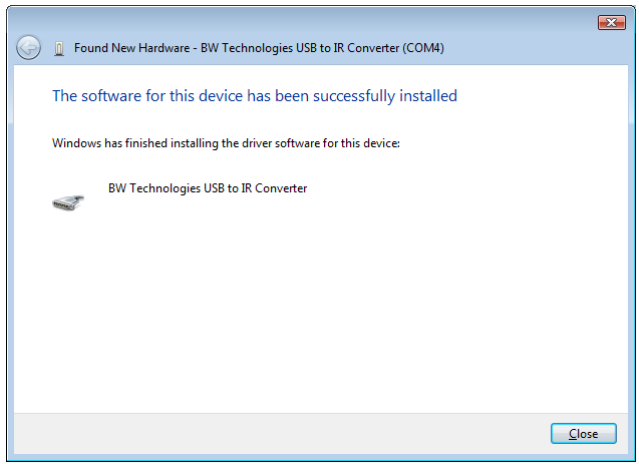

Windows Security
Windows can't verify the publisher of this driver software
Don't install this driver software
You should check your manufacturer's website for updated driver software for your device.
Install this driver software anyway
Only install driver software obtained from your manufacturer's website or disc. Unsigned software from other sources may harm your computer or steal information.
See details

Note

The USB driver software is thoroughly tested by BW Technologies by Honeywell and will not harm your PC.

3. Select **Install this driver software anyway**.

   When the driver has been successfully installed, the following screen displays.


Found New Hardware - BW Technologies USB to IR Converter (COM4)
The software for this device has been successfully installed
Windows has finished installing the driver software for this device:
BW Technologies USB to IR Converter
Close

Installing the USB Driver for Windows XP

Note

This section is applicable to both the new and old IR Link. The text on some screens may vary slightly, depending upon the IR Link being used.

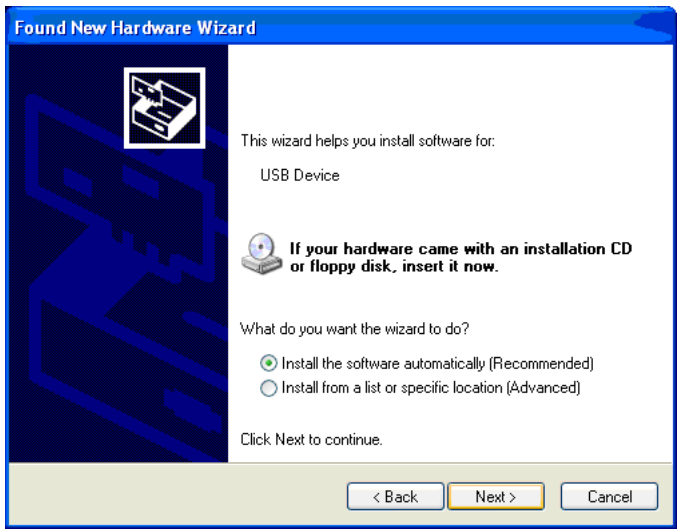
For IR Link compatibility, refer to Table 2.

To install the USB driver, complete the following:

1. Connect the IR Link to the USB cable. Refer to Figure 15.
2. Connect the USB cable to the USB port on the PC. The following dialog box displays.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

3. Click ◯ **Yes, this time only** and then click **Next**. The following dialog box displays.


Found New Hardware Wizard
This wizard helps you install software for:
USB Device
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

Note

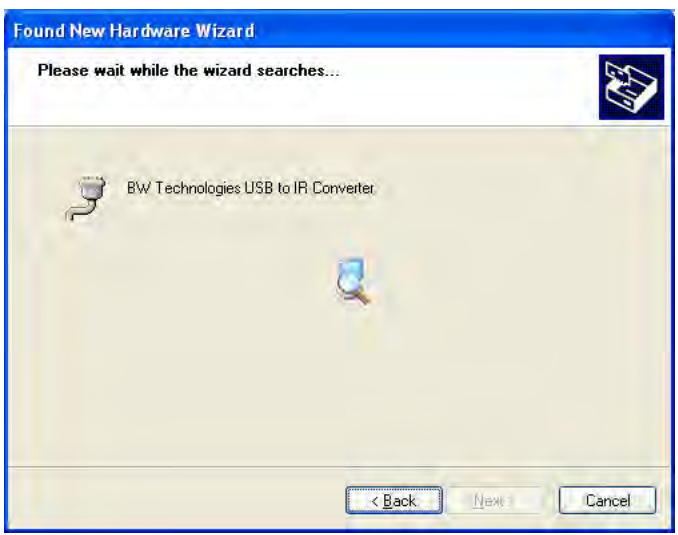
The USB driver will be mapped to the USB port the cable is connected to. Consistently connect the IR Link to this USB port.

4. Select **Install the software automatically [Recommended]** and click **Next**.

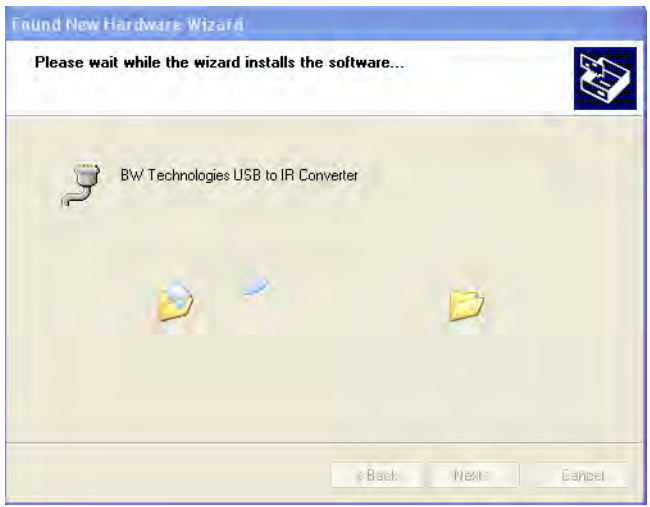
   The wizard begins searching for the driver. The following screen displays.

Note

Depending upon the IR Link you are using, the text in the following screen may display as **BW Technologies IRLink Adapter**.



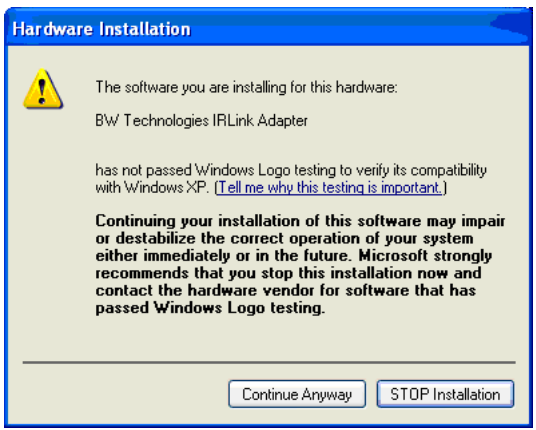
When the driver is located, the installation begins. The following screen displays.


Found New Hardware Wizard
Please wait while the wizard installs the software...
BW Technologies USB to IR Converter
< Back
Next >
Cancel

During the installation, the Hardware Installation dialog box displays.

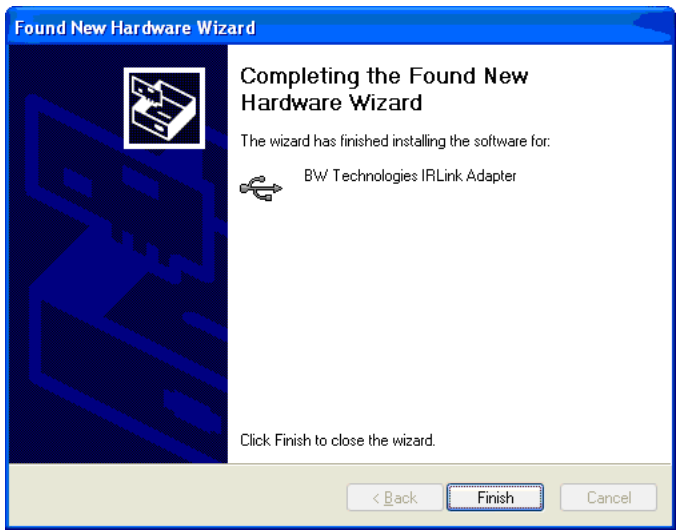
Note

The USB driver software is thoroughly tested by BW Technologies by Honeywell and will not harm your PC.


Hardware Installation
The software you are installing for this hardware:
BW Technologies IRLink Adapter
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

5. Click **Continue Anyway** to proceed with the installation and to create backup files.

The installation requires approximately 5-10 seconds. When installation is complete, the following dialog box displays.


Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
BW Technologies IRLink Adapter
Click Finish to close the wizard.
< Back
Finish
Cancel

6. Click **Finish**. The software and hardware are now installed.

Proceed to

- Mapping the MicroDock II to the C:\ Drive
- Importing Data into Fleet Manager II, or
- Configuring Fleet Manager II.

Mapping the MicroDock II to the C:\ Drive

Base stations can be mapped to the C:\ drive of a PC.

Map base stations to the C:\ drive when

- there are more base stations than drive letters,
- access to remote base stations is required, and
- base stations are connected to a USB hub.

Fleet Manager II can access remotely located base stations if

- they are mapped to a PC,
- the PC has Fleet Manager II installed, and
- AnywhereUSB is installed.

To map a base station to the PC hard drive, complete the following:

1. Open the **C:** drive.
2. Create a new folder titled **MicroDocks**.
3. Open the **C:\MicroDocks** folder.
4. Create a new folder in the **C:\MicroDocks** folder titled with the base station's serial number.

   Example: The base station's serial number is Z000-123456.

Figure 1. Naming A Folder With the Base Station's Serial Number

5. From the desktop, right click on **My Computer** and select **Manage** from the context menu.

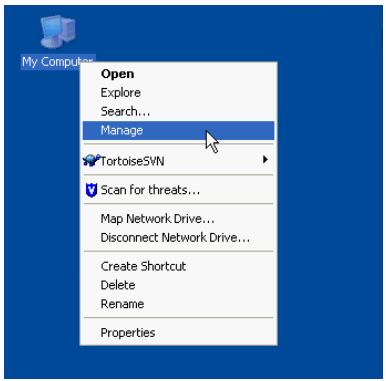


Figure 2. Selecting Manage

The Computer Management dialog box displays.

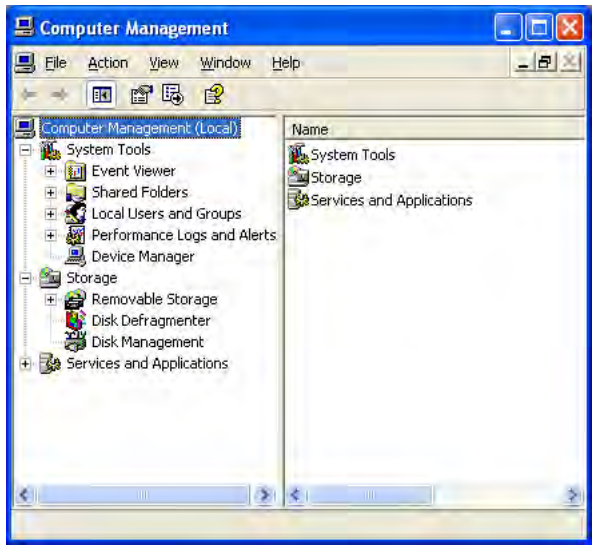


Figure 3. Computer Management Dialog Box

6. Click **Disk Management** under **Storage**.

   The hard drive (C:) and connected base stations display. The base stations may or may not have a drive letter after their serial number.

7. Right click on the base station and select **Change Drive Letter and Paths...**

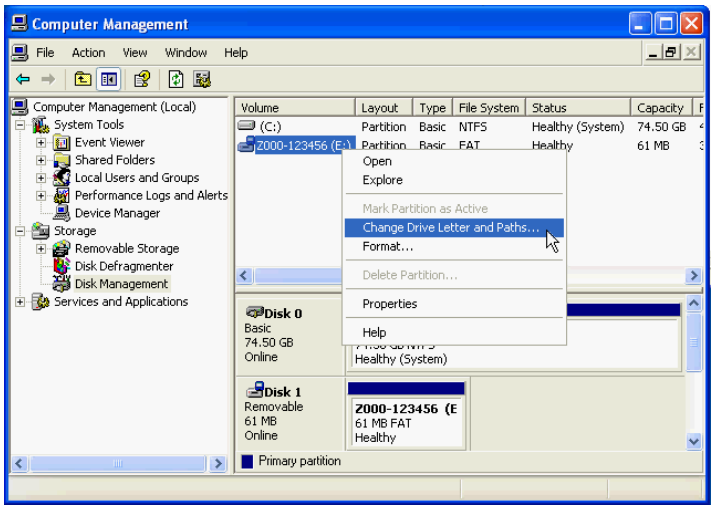


Figure 4. Selecting Change Drive Letter and Paths

The Change Drive Letter and Paths dialog box displays.

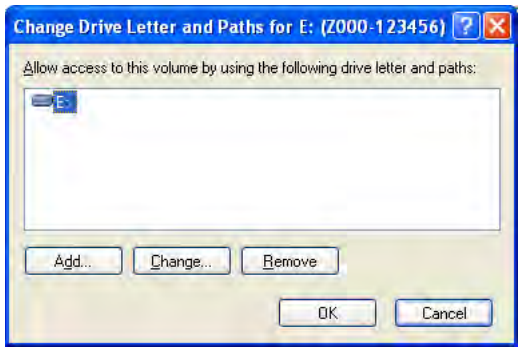


Figure 5. Change Drive Letter and Paths Dialog Box

8. If there is no volume icon or drive letter beside the base station in the Change Drive Letter and Paths dialog box, proceed to step #11.

   If a volume icon and/or drive letter display beside the base station in the Change Drive Letter and Paths dialog box, click **Remove**.

   The Confirm dialog box displays with the message **Removing the drive letter of a volume may cause programs to no longer run. Are you sure you want to remove this drive letter?**

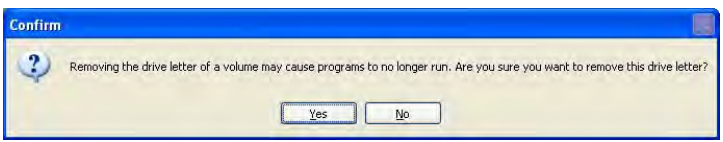

Confirm
Removing the drive letter of a volume may cause programs to no longer run. Are you sure you want to remove this drive letter?
Yes
No

Figure 6. Confirm Drive Letter Removal Dialog Box

9. Click **Yes**. The Computer Management dialog box displays.

10. Right click on the base station and select **Change Drive Letter and Paths**.

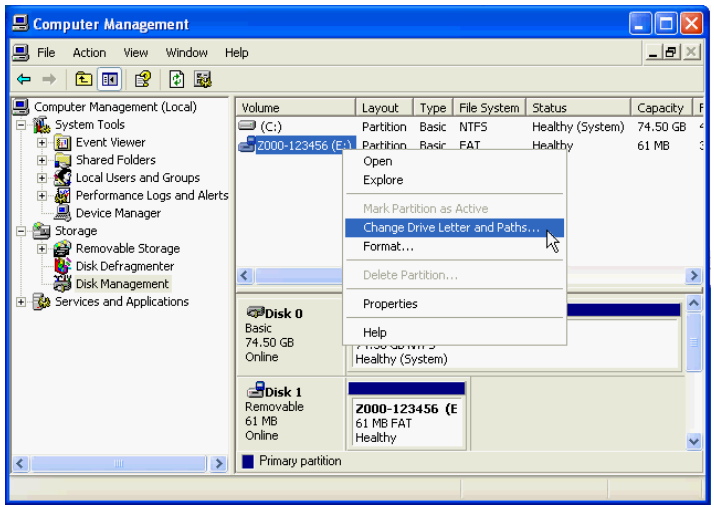


Figure 7. Selecting Change Drive Letter and Paths

The Change Drive Letter and Paths dialog box displays. Volume icon or drive letter should not display.

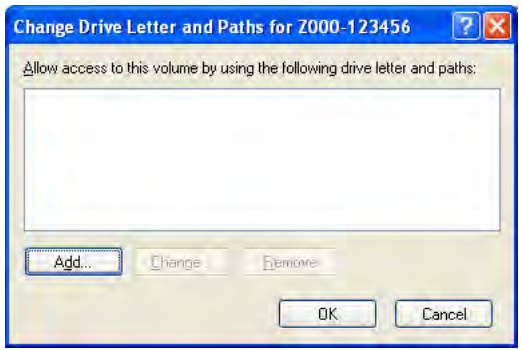


Figure 8. Blank Change Drive Letter and Paths Dialog Box

11. Click **Add...**

    The Add Drive Letter or Path dialog box displays.

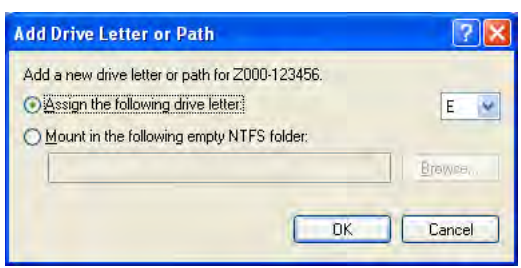


Figure 9. Add Drive Letter Or Path Dialog Box

12. Select **Mount in the following empty NTFS folder** and click **Browse**.

    The Browse for Drive Path dialog box displays.

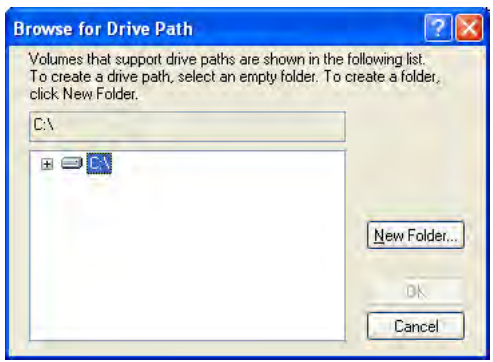
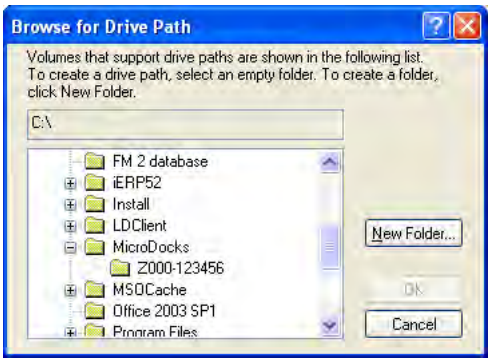

Browse for Drive Path
Volumes that support drive paths are shown in the following list.
To create a drive path, select an empty folder. To create a folder, click New Folder.
C:\
New Folder...
OK
Cancel

Figure 10. Browse For Drive Path Dialog Box

13. Click **+** beside to expand. Locate the MicroDocks folder.

14. Click **+** beside the MicroDocks folder to display the serial number folder.



15. Select the serial number folder and click **OK**.

    The Add Drive Letter or Path dialog box displays. **C:\MicroDocks**[serial number] displays in the folder field.

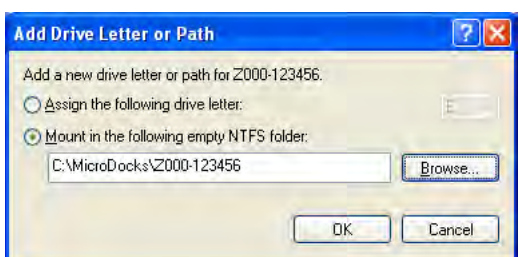


Figure 11. Folder Field Completed

16. Click **OK**.
17. To verify if the base station mapped correctly, open the serial number folder in C:\MicroDocks.

    A list of files displays.

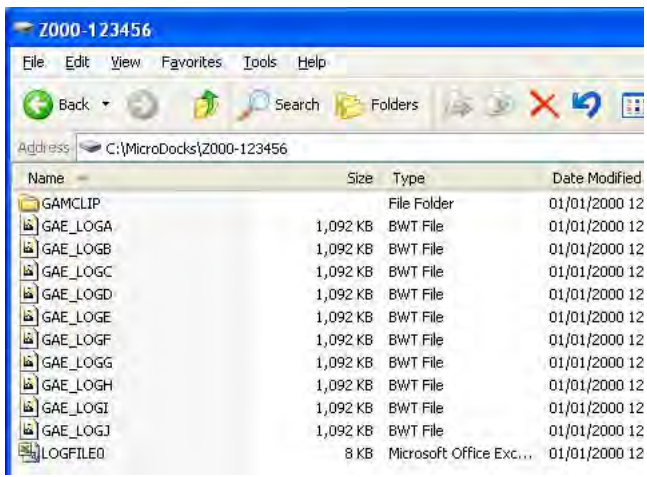
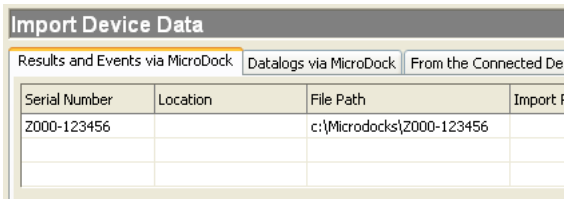

Z000-123456
File Edit View Favorites Tools Help
Back Search Folders
Address C:\MicroDocks\Z000-123456
Name Size Type Date Modified
GAMCLIP File Folder 01/01/2000 12
GAE_LOGA 1,092 KB BWT File 01/01/2000 12
GAE_LOGB 1,092 KB BWT File 01/01/2000 12
GAE_LOGC 1,092 KB BWT File 01/01/2000 12
GAE_LOGD 1,092 KB BWT File 01/01/2000 12
GAE_LOGE 1,092 KB BWT File 01/01/2000 12
GAE_LOGF 1,092 KB BWT File 01/01/2000 12
GAE_LOGG 1,092 KB BWT File 01/01/2000 12
GAE_LOGH 1,092 KB BWT File 01/01/2000 12
GAE_LOGI 1,092 KB BWT File 01/01/2000 12
GAE_LOGJ 1,092 KB BWT File 01/01/2000 12
LOGFILE0 8 KB Microsoft Office Exc... 01/01/2000 12

Figure 12. List of Files

18. To verify if Fleet Manager II can locate the base station, open Fleet Manager II.

19. From the **Devices** toolbar, click **Import**. C:\Microdocks\[serial number] displays under the File Path column.



Configuring Fleet Manager II

Fleet Manager II has several features which can be automated. Configure these features before using Fleet Manager II to get best results from the automation. However, not all settings need to be configured if those features are not required during operation.

- Scheduling Report Delivery (save reports in a directory or delivered via email)
- Scheduling Imports (regular imports of bump tests, calibrations, and events from the base station)
- Automatic Certificate Generation (save bump test and calibration certificates in a directory)
- Configuring Email Address (creates the email address that sends out scheduled reports)
- Datalog Archive Settings (when datalogs are archived and where the datalog archives are placed)

Buttons and Toolbars

Fleet Manager II Toolbars

To access Fleet Manager II's options, click on the following selections to access the corresponding toolbars:

- Devices
- Database
- Administration

Login/Logout of the Administration Functions

Note

The initial default password is "Admin". BW recommends changing the initial default password. Refer to Changing the Administration Function Password.

To login to the administration functions, complete the following:

1. From the **Administration** toolbar, click **Login / Logout**.

   The Enter Password dialog box displays.

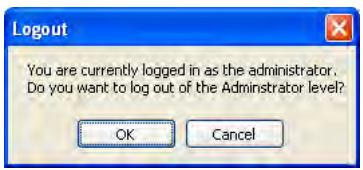
2. Enter the password. Click **OK**.

   Additional options under each toolbar display.

To logout of the administration functions, complete the following:

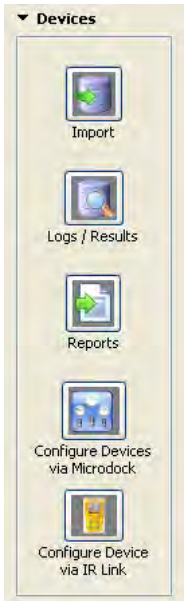
1. From the Administration toolbar, click **Login / Logout**.

   The Logout dialog box displays.



2. Click **OK** to logout of the administration functions.

Devices



Import
Import event logs, datalogs, and bump test and calibration results from the base station, card readers, detector, or from files saved on the PC's hard drive.

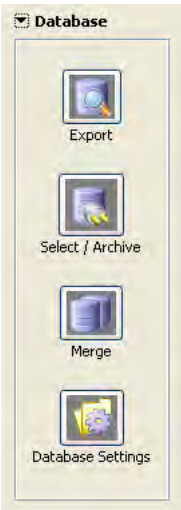
Logs / Results
View event logs, datalogs, bump tests, and calibrations.

Reports
Generate detector reports.

Configure Devices via MicroDock
(Administration function)
Configures detectors using the base station.

Configure Device via IR Link
(Administration function)
Configure the GasAlertMicroClip, GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, and GasAlertQuattro using the IR Link.

Database



Export
Export the Fleet Manager II database to an FTP server.

Select / Archive
(Administration function)
Archive the Fleet Manager II databases, create new Fleet Manager II databases, and switch between Fleet Manager II databases.

Merge
(Administration function)
Merge an archived database with the current database.

Database Setting
(Administration function)
Change the location of the current database and archived databases.

Database Location

When logged in to the Administration functions, the database name and location display in the upper right hand corner.

If the database name and location have not been changed, **Default** displays in the Database name and location field.

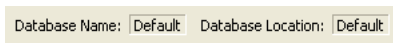


Figure 13. Default Database Name and Location

When the database name and location have been changed, the new name and location display.

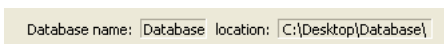
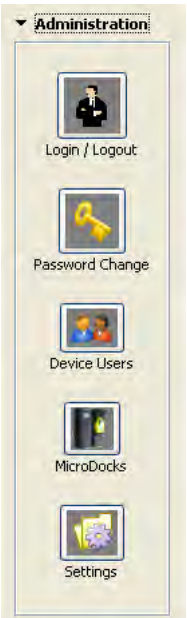


Figure 14. Changed Database Name and Location

Administration



Login / Logout
Login to the Administration functions.

Password Change
(Administration function)
Change the Administration function password.

Device Users
(Administration function)
Manage device user information.

MicroDocks
(Administration function)
Manage MicroDock II information.

Settings
(Administration function)
Change the calibration and bump test intervals for detector status reports, edit Device Status Options, customize bump test and calibration certificates, configure email, and configure datalog archive settings.

Using the IR Link

To use the IR Link, the USB driver must be installed. Refer to Installing the USB Driver.

Connecting the IR Link to the Detector

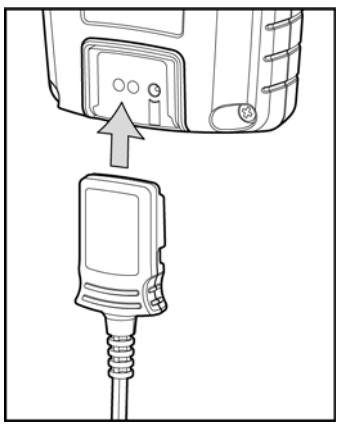


Figure 15. Installing the IR Link

IR Link Compatibility

There are two IR Links that are compatible with Fleet Manager II. Refer to Table 2.

Table 2. IR Link Compatibility

Characteristic	Old IR Link	New IR Link
Label (The label is on the part that connects with the detector. Refer to Figure 15.)		
Fleet Manager II version	Compatible with all versions of Fleet Manager II	Version 2.2 or higher must be installed to use the new IR Link
Detector compatibility	GasAlertMicroClip GasAlertMax XT	GasAlertMicroClip GasAlertMicroClip XT GasAlertMax XT GasAlertMax XT II GasAlertQuattro
PC operating systems	Windows XP	Windows XP Windows Vista Windows 7

GasAlertMax XT / GasAlertMax XT II and GasAlertQuattro Buttons

There are several buttons located at the bottom of the detector configuration dialog box.

Button	Description
Save To Device	Save the detector configuration to a connected detector.
Retrieve From Device	Retrieve the connected detector's current configuration and display it in the dialog box.
Save To File	Save the configuration displayed to the PC.
Load From File	Display a configuration saved on the PC.
Set Device Time	Set the detector's clock to match the PC's clock.
Calibrate	Initiate calibration with the IR Link. Refer to Calibrating the Detector Using the IR Link.
Bootloader	Update the firmware operating on the detector.
Reset Logs	Delete all datalogs and event logs from the detector.

GasAlertMicroClip / GasAlertMicroClip XT Buttons

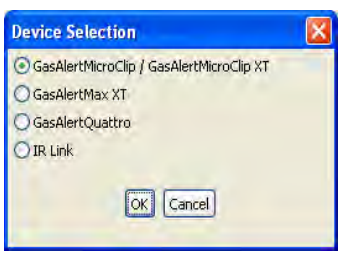
There are several buttons located at the bottom of the detector configuration dialog box.

Button	Description
Save To Device	Save the detector configuration to a connected detector.
Retrieve From Device	Retrieve the connected detector's current configuration and display it in the dialog box.
Save To File	Save the configuration displayed to the PC.
Load From File	Display a configuration saved on the PC.
Bootloader	Update the firmware operating on the detector. Button located in the Device Operations tab.
Calibrate	Initiate calibration with the IR Link. Refer to Calibrating the Detector Using the IR Link. Button located in the Device Operations tab.

Updating the IR Link Firmware

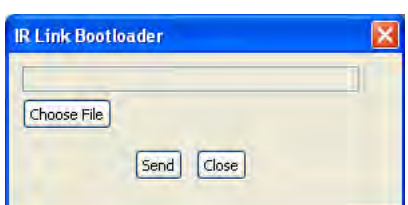
To update the firmware on the detector, complete the following:

1. Connect the USB cable to the USB port on the PC.
2. Connect the USB cable to the IR Link.
3. Open Fleet Manager II.
4. From Fleet Manager II, login to the Administration functions.
5. From the **Devices** toolbar, click **Configure Device via IR Link**.
6. The Device Selection dialog box displays. Select **IR Link**.

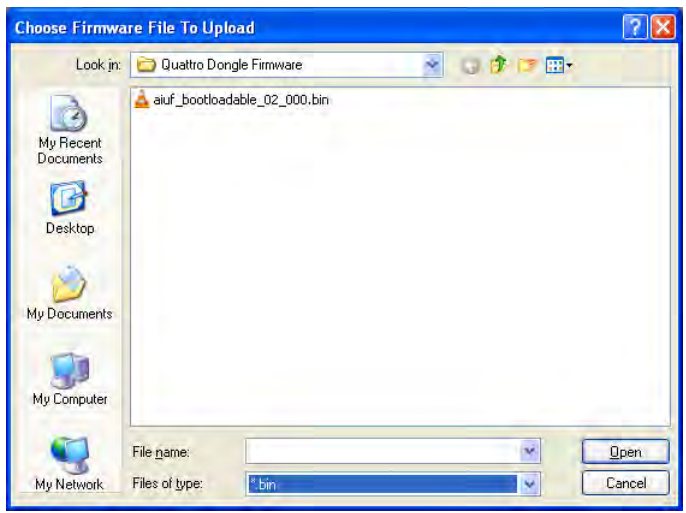


Click **OK**.

7. The IR Link Bootloader dialog box displays.



8. Click **Choose File**. The Choose Firmware File to Upload dialog box displays.



9. Locate and select the firmware file and click **Open**. The location of the firmware displays.

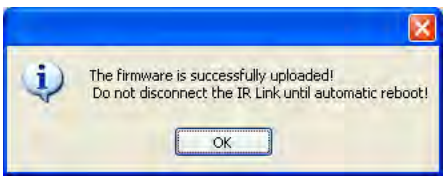
Note

If the firmware file is not visible, click the drop down menu for **Files of type** _to select another file type._

10. The file path appears in the IR Link Bootloader dialog box. Click **Send** to begin uploading the IR Link firmware.
11. The Bootloading IR Link pop up displays. The green bar indicates the upload progress.

12. When the upload is complete the COM and PWR LEDs on the IR Link will flash rapidly. Do not unplug the IR Link while the LEDs flash rapidly.

    A pop up also displays while the LEDs flash.



    Click **OK** to return to normal operation.

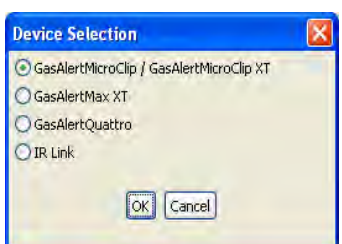
Updating the Detector Firmware

⚠ Caution

Before updating the firmware on the GasAlertQuattro, GasAlertMicroClip, GasAlertMicroClip XT, GasAlertMax XT, or GasAlertMax XT II download the detector's datalogs and event logs. Updating the firmware erases the datalogs and event logs on the detector.

To update the firmware on the detector, complete the following:

1. Activate the detector and wait for the startup tests to complete.
2. Connect the USB cable to the USB port on the PC.
3. Connect the USB cable to the IR Link.
4. Insert the IR Link into the IR interface on the back of the detector. Refer to Connecting the IR Link to the Detector.
5. From Fleet Manager II, login to the Administration functions.
6. From the **Devices** toolbar, click **Configure Device via IR Link**.
7. The Device Selection dialog box displays. Select a detector.



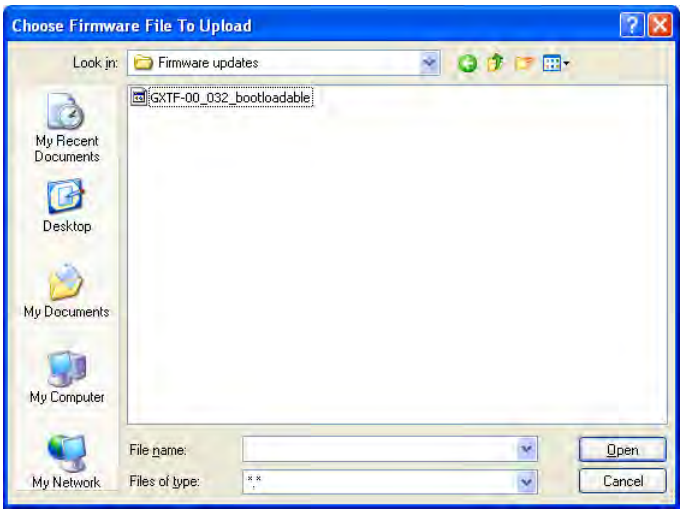
To update firmware for the GasAlertQuattro or GasAlertMax XT / GasAlertMax XT II, refer to Updating GasAlertQuattro and GasAlertMax XT / GasAlertMax XT II Firmware.

To update firmware for the GasAlertMicroClip / GasAlertMicroClip XT, refer to Updating GasAlertMicroClip / GasAlertMicroClip XT Firmware.

Updating GasAlertQuattro and GasAlertMax XT / GasAlertMax XT II Firmware

1. At the bottom of the configuration dialog box, click **Retrieve From Device**. The current detector configuration displays.
2. Click **Bootloader** and the following dialog box displays.

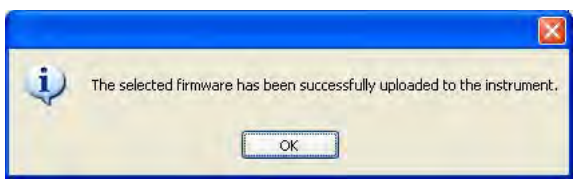
3. Click **Choose File**. The Choose Firmware File to Upload dialog box displays.



4. Locate and select the firmware file and click **Open**. The location of the firmware displays.

5. Click **Send**. Fleet Manager II uploads and verifies the firmware.

Then the following dialog box displays.

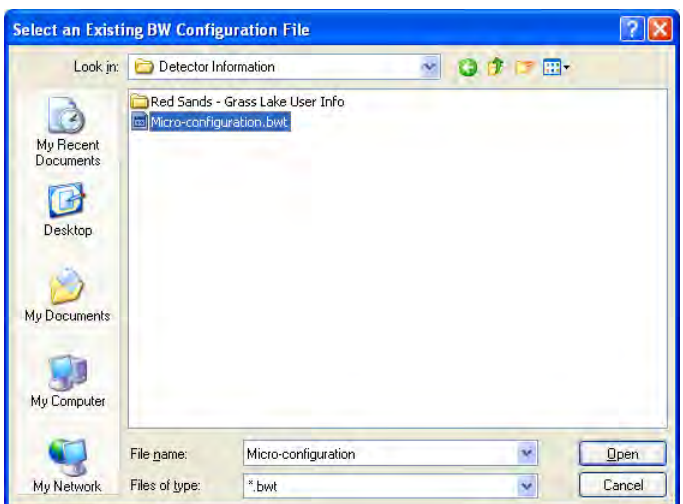


6. The detector then deactivates. Click **OK**.

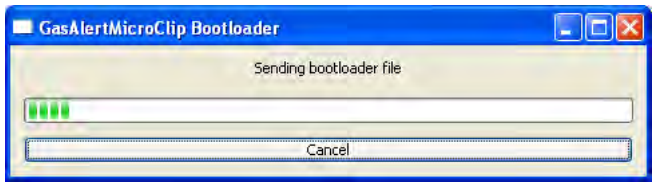
Updating GasAlertMicroClip / GasAlertMicroClip XT Firmware

1. Click the **Device Operations** tab.
2. Click **Retrieve From Device**.
3. Under Other Operations, click **Bootloader**.
4. The GasAlertMicroClip Bootloader displays.

   Click **Upload Firmware Update**.
5. The file browser window displays. Navigate to the firmware file.



   Click **Open**.
6. The GasAlertMicroClip Bootloader dialog box displays.



7. When the firmware is successfully uploaded, the following dialog box displays.

Press to close the dialog box.

Calibrating the Detector Using the IR Link

Calibration can be initiated from Fleet Manager II using the IR Link. When Cal IR Lock (for GasAlertMax XT / GasAlertMax XT II and GasAlertQuattro) or Cal Lock (for GasAlertMicroClip / GasAlertMicroClip XT) is enabled in User Options, use the IR Link to initiate calibration. The MicroDock II can also calibrate detectors when Cal IR Lock or Cal Lock is enabled. Refer to the *MicroDock II User Manual*.

Note

Perform a calibration in a safe area, free of hazardous gas and in an atmosphere of 20.9% oxygen.

To calibrate the detector with the IR Link, complete the following:

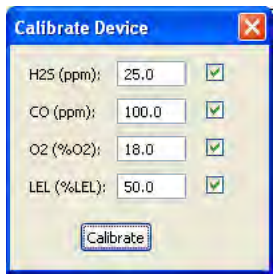
1. Activate the detector and wait for the startup tests to complete.
2. Connect the USB cable to the USB port on the PC.
3. Connect the USB cable to the IR Link.
4. Insert the IR Link into the IR interface on the back of the detector.
5. Login to the Administration functions.
6. From the **Devices** toolbar, click **Configure Device via IR Link** to access the detector configuration dialog box.
7. At the bottom of the configuration dialog box, click **Retrieve From Device**. The current detector configuration displays.

If calibrating the GasAlertMax XT / GasAlertMax XT II or GasAlertQuattro, refer to Calibrating the GasAlertMax XT / GasAlertMax XT II or GasAlertQuattro Using the IR Link.

If calibrating the GasAlertMicroClip / GasAlertMicroClip XT, refer to Calibrating the GasAlertMicroClip / GasAlertMicroClip XT Using the IR Link.

Calibrating the GasAlertMax XT / GasAlertMax XT II or GasAlertQuattro Using the IR Link

1. At the bottom of the configuration window, click **Calibrate**. The Calibrate Device dialog box displays.



2. Ensure the gas concentrations on the gas cylinder match the gas concentrations in the Calibrate Device dialog box.

   Ensure there is a check beside each sensor that will be calibrated. If not calibrating a sensor, remove the check from the checkbox by clicking the check.

3. Click **Calibrate**. The detector begins calibration. Refer to Calibration in the *GasAlertMax XT II Technical Reference Guide or GasAlertQuattro Technical Reference Guide* for more information.

Calibrating the GasAlertMicroClip / GasAlertMicroClip XT Using the IR Link

1. At the top of the configuration window, click the **Device Operations** tab.

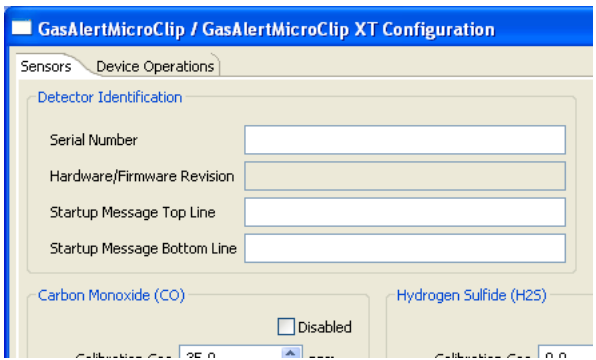


Figure 16. Device Operations Tab

2. Ensure the gas concentrations on the gas cylinder match the gas concentrations in the Calibrations table.

   Ensure there is a check beside each sensor that will be calibrated. If not calibrating a sensor, remove the check from the checkbox by clicking the check.

3. Click **Calibrate**. The detector begins calibration. Refer to Calibration in the *GasAlertMicroClip User Manual / GasAlertMicroClip XT Technical Reference Guide* for more information.

Importing Data into Fleet Manager II

Data can be imported into Fleet Manager II by any of the following methods:

Results and Events via MicroDock

Import bump test results, calibration results, and event logs from a connected base station. For more information, refer to Importing Results and Events from MicroDock II. To schedule regular imports of bump tests, calibration results, and event logs, refer to Scheduling Imports.

Datalogs via MicroDock (GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, and GasAlertMax XT / GasAlertMax XT II, and GasAlertQuattro only)

Import all datalogs from a type of detector or all datalogs from an individual detector which have been uploaded to a base station. For more information, refer to Importing Datalogs from MicroDock II.

From the Connected Device (GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, and GasAlertQuattro only)

Import event logs or datalogs from a connected GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, and GasAlertQuattro. USB drivers must be installed on the PC and an IR Link is required. For more information, refer to Importing Data from the GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT, and GasAlertQuattro.

Directly From a File (GasAlertClip Extreme, GasAlert Extreme, GasAlertMicro, and GasAlertMicro 5/PID/IR)

Import event logs and datalogs from the PC's hard drive or a connected card reader. For more information, refer to

- Importing Data From the GasAlertClip Extreme,
- Importing Data From the GasAlert Extreme,
- Importing Data From the GasAlertMicro,
- Importing Data From the GasAlertMicro 5/PID/IR.

Viewing Details of the Last Import

Details of the last datalog, event log, or bump test and calibration result import since the program was opened can be viewed by clicking **Details** on the right-hand side of the Import Device Data table.

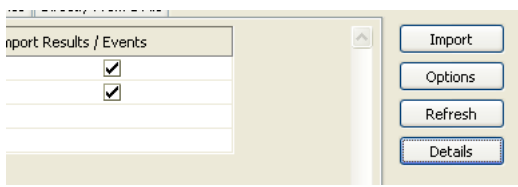


Figure 17. Location of the Details Button

Clicking the **Details** button displays the Details of Last File Imported dialog box.

The dialog box displays the following, in the order listed:

- type of file listed e.g.
- total entries in the file, and
- number of new entries that were imported.

Details of Last File Imported
file: data\python\out//datalogs.bwt
total number of entries in the file:67
number which were new entries to import:67
OK

Figure 18. Example of Details of Last File Imported Dialog Box

Scheduling Imports

Note

Scheduled imports are not required to use Fleet Manager II. Data can still be imported manually. Scheduled imports are useful for ensuring information is regularly imported from large fleets of base stations.

Bump test results, calibration results, and events from the base station can be automatically imported into Fleet Manager II on a regular basis. Datalogs from GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, and GasAlertQuattro may also be imported on a schedule.

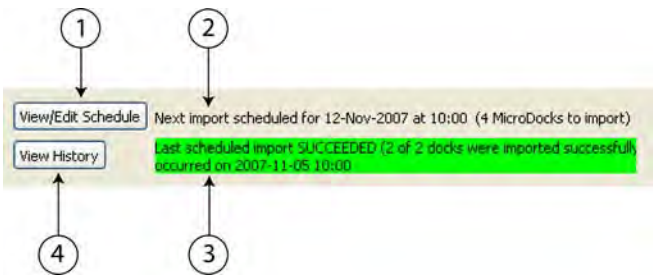
Fleet Manager II can manage scheduled imports from up to 50 base stations.

Note

To ensure results and events are imported correctly, all base stations and PC must be activated, and Fleet Manager II must be open.

From the **Devices** toolbar, click **Import**.

Information about scheduled imports is located at the bottom of the Import Device Data table.



1	View/Edit Schedule button
2	Notice of the next import
3	Results of the last import
4	View History button

Figure 19. Scheduled Import

If Fleet Manager II has imported successfully from all base stations, the result is highlighted green.

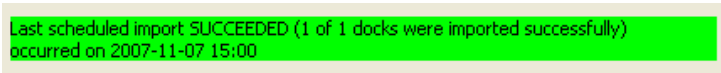


Figure 20. Successful Import Status

If Fleet Manager II did not import successfully from all base stations, the result is highlighted yellow.

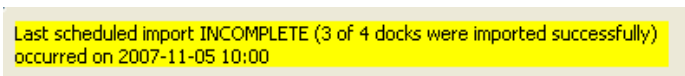


Figure 21. Incomplete Import Status

If Fleet Manager II failed to import from any base station, the result is highlighted red.

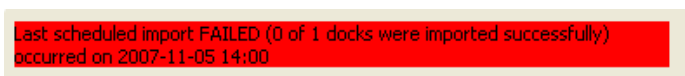


Figure 22. Unsuccessful Import Status

To schedule an import, complete the following:

1. Open Fleet Manager II.
2. From the **Devices** toolbar, click **Import**.
3. Click **View/Edit Schedule**. The Scheduled Import dialog box displays.

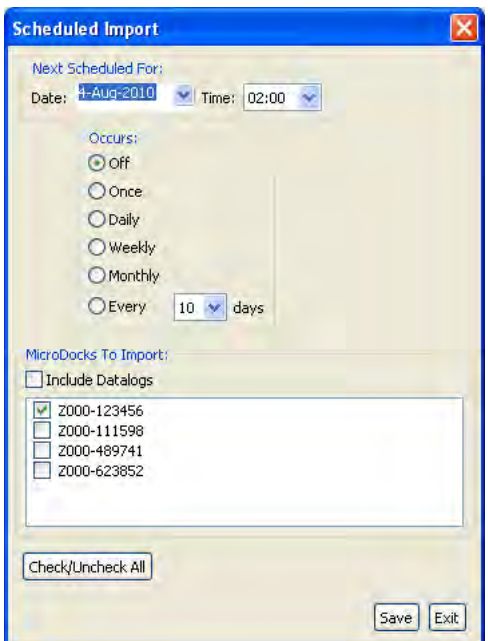


Figure 23. Scheduled Import Dialog Box

4. To define the date, click the **Date** drop down menu. The calendar displays.

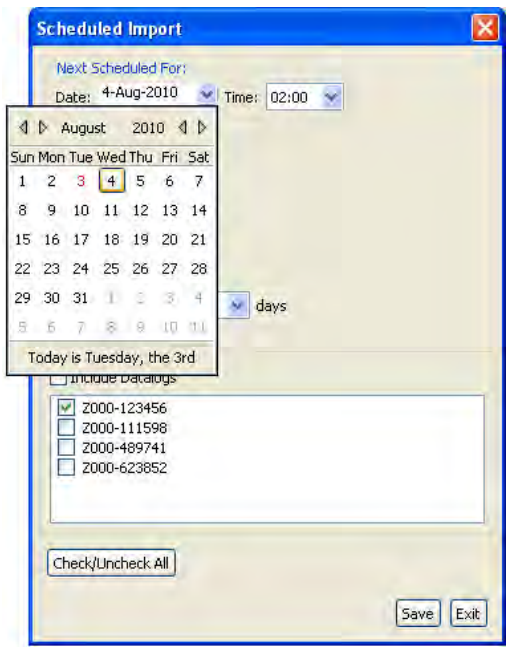


Figure 24. Drop Down Date Menu

5. Use the arrows to the left of the month to define the month. Use the arrows to the right of the year to define the year.

   To define the day, click the date within the calendar.

Note

To exit the **Date** *drop down menu, click either the date in the calendar or* **Today is** [day]**, the** [date].

Example: **Today is Tuesday, the 3rd**. Refer to Figure 24.

6. To define the time, click the **Time** drop down menu.

   Note

   The 24-hour clock is used to track the time of import.

7. To define how often the import occurs
   - select from **Once**, **Daily**, **Weekly**, or **Monthly**, or
   - use the drop down menu to select an import period of **1**-**90** days.

   Note

   If **Off** *is selected, the scheduled import does not occur.*

8. Click **Include Datalogs** to add datalogs to the scheduled import.
9. Select the base stations to import from.

   Click **Check/Uncheck All** to select or deselect many base stations.

10. Click **Save** to save the scheduled import details.
11. The details of the scheduled import display to the right of **View/ Edit Schedule**.

During a Scheduled Import

Fleet Manager II is temporarily unavailable during an import. When Fleet Manager II is importing data during a scheduled import, the following dialog box displays.

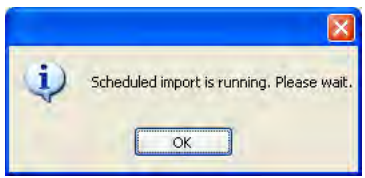


Figure 25. Scheduled Import Running Dialog Box

Viewing the Import Logs Table

To view the Import Logs, click **View History**.

To return to the Import Device Data main screen, click **Back to Import Page**.

In the Import Logs table, each import is listed with the most recent import at the top of the list.

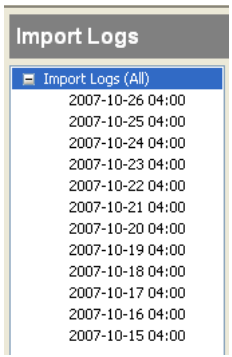


Figure 26. List of Imports

The import data can viewed in three different ways:

- To view an individual import, click its import date.
- To view all imports, click **Import Logs (All)**.
- To change the data view, refer to Changing the Data View.

An Error During Import

If an error occurs during import,

- Fleet Manager II does not attempt to import again. Fleet Manager II waits until the next scheduled import to attempt another import, and
- **Failed** displays under the **Status** column.

The Import Logs table also displays an explanation why the base station failed to import.

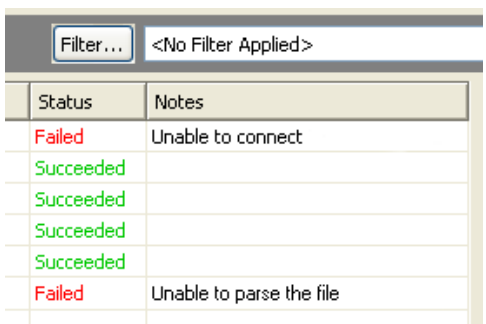


Figure 27. Errors From Import

- **Unable to connect:** The base station was disconnected from the network or inactivated.
- **Unable to parse the file:** There is an error with the file. Contact BW Technologies by Honeywell.

Exporting the Import Logs Table

The Import Logs table can be exported in three file formats for use in other applications. Refer to Exporting Data in Fleet Manager II.

Importing Results and Events from MicroDock II

A detector's event log is transferred to the base station MMC after a bump test or calibration.

To import bump test and calibration results and event logs from the base station, complete the following:

Note

The default setting for the Import Option is **Filter out 0 ppm or 20.9% records (for datalogs)**_. Fleet Manager II does not import datalogs where toxic gas is at 0 ppm concentration and oxygen is at ambient concentration._

To select **Do not filter out zero records**_, click_ **Options** _in the right-hand corner. Fleet Manager II imports all datalogs, regardless of gas concentration._

Selecting **Do not filter out zero records** _may result in a large number of datalogs being imported. This may impact system performance._

1. Connect the USB cable to the PC and to the USB port on the base station.
2. Activate the base station.
3. Open Fleet Manager II.
4. From the **Devices** toolbar, click **Import**.

5. Click the **Results and Events via MicroDock** tab.

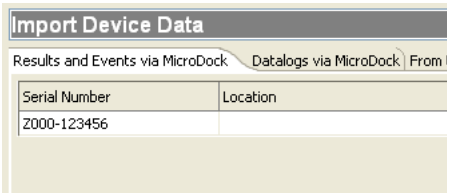


Figure 28. Results and Events via MicroDock Tab

Note

If the base station does not display in the Results and Events via MicroDock tab, click **Refresh***. Also click* **Refresh** *if a new base station or card reader has been connected to the PC.*

If the base station still does not display, refer to MicroDock II Does Not Display when Importing*.*

6. Click the checkbox under **Import Results / Events** to select the desired base station.

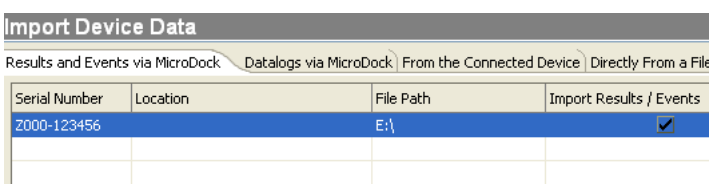
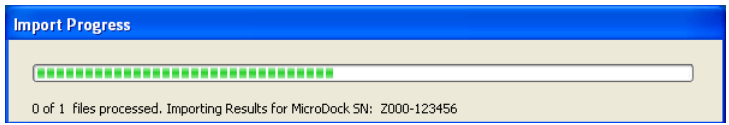


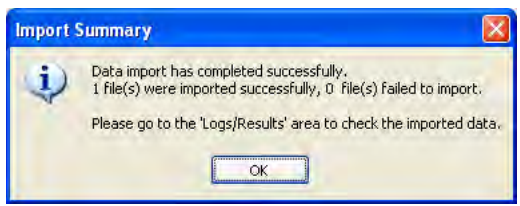
Figure 29. Import Results / Events Checkbox Selected

7. Click **Import** on the right-hand side.

   The Import Progress pop up displays.



The Import Summary dialog box displays.


Import Summary
Data import has completed successfully.
1 file(s) were imported successfully, 0 file(s) failed to import.
Please go to the 'Logs/Results' area to check the imported data.
OK

8. Click **OK**.
9. To view the event logs under the Devices tab, click **Logs / Results**. Refer to Viewing and Exporting Data in Fleet Manager II.

Importing Datalogs from MicroDock II

Only GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, and GasAlertQuattro datalogs can be imported using the base station.

Note

The default setting for the Import Option is **Filter out 0 ppm or 20.9% records (for datalogs)**. *Fleet Manager II does not import datalogs where toxic gas is at 0 ppm concentration and oxygen is at ambient concentration.*

To select **Do not filter out zero records**, *click* **Options** *in the right-hand corner.*

Selecting **Do not filter out zero records** *may result in a large number of datalogs being imported. This may impact system performance.*

To import datalogs, complete the following:

1. Connect the USB cable to the PC and to the USB port on the base station.
2. Activate the base station.
3. Press ◯ DATA TRANSFER on the GasAlert Extreme, GasAlertMicroClip, GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, and GasAlertQuattro docking module. For more information, refer to the *MicroDock II User Manual*.
4. Open Fleet Manager II.
5. From the **Devices** toolbar, click **Import**.
6. Click the **Datalogs via MicroDock** tab.

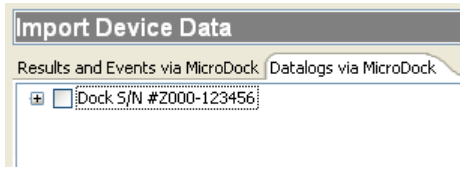


Figure 30. Datalogs Via MicroDock Tab

Note

If the base station does not display in the Results and Events via MicroDock tab, click **Refresh**. *Also click* **Refresh** *if a new base station or card reader has been connected to the PC.*

If the base station still does not display, refer to *MicroDock II Does Not Display when Importing*.

7. Click **OK**.
8. Click **+** beside the desired base station to display the associated detectors.

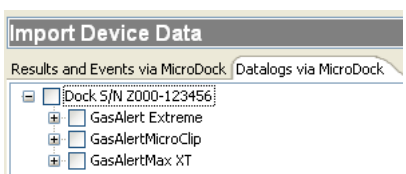


Figure 31. Expanded MicroDock II

Refer to the following:

- Import All Datalogs Associated With a Type of Detector
- Import Datalogs from an Individual Detector
- Import Individual Datalogs From an Individual Detector

Import All Datalogs Associated With a Type of Detector

1. Click the checkbox of the detector to download all the datalogs associated with that type of detector.

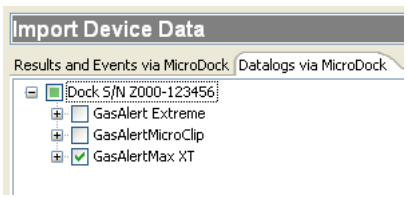
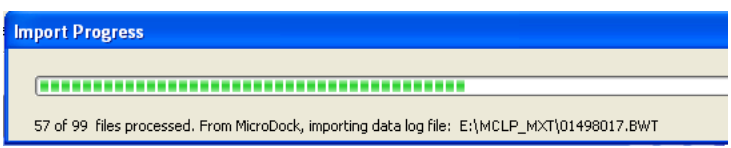


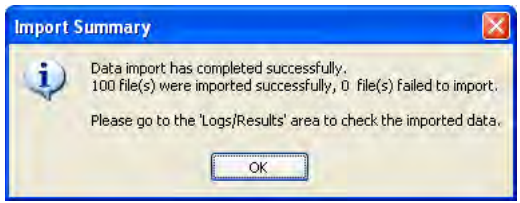
Figure 32. Selecting the Type of Detector

2. Click **Import** on the right-hand side.

   The Import Progress pop up displays.



   When the datalogs are imported, the Import Summary dialog box displays.


Import Summary
Data import has completed successfully.
100 file(s) were imported successfully, 0 file(s) failed to import.
Please go to the 'Logs/Results' area to check the imported data.
OK

3. Click **OK**.
4. To view the datalogs, under the Devices toolbar, click **Logs / Results**. Refer to Viewing and Exporting Data in Fleet Manager II.

Import Datalogs from an Individual Detector

1. Click **+** beside the detector. The item expands to display the individual detector serial numbers.

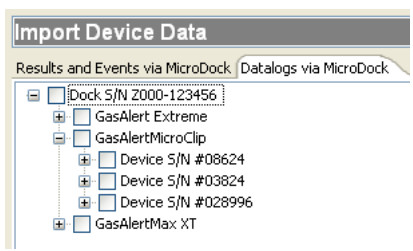


Figure 33. Expanded Detector

2. Click the checkbox beside the serial number of the individual detector.

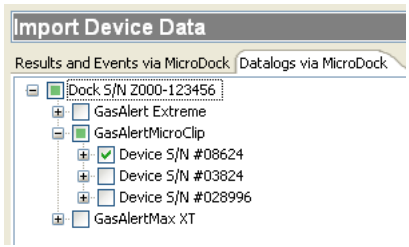
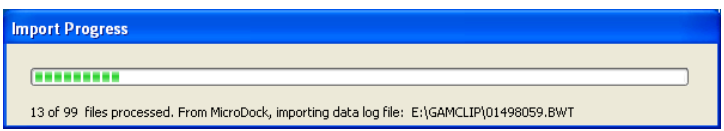


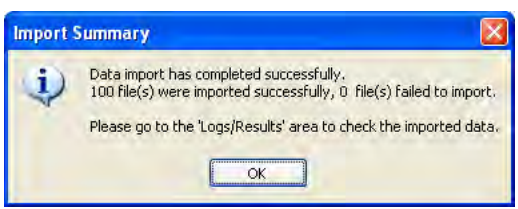
Figure 34. Selected Individual Detector

3. Click **Import** on the right-hand side.

   The Import Progress pop up displays.



When the datalogs are imported, the Import Summary dialog box displays.


Import Summary
Data import has completed successfully.
100 file(s) were imported successfully, 0 file(s) failed to import.
Please go to the 'Logs/Results' area to check the imported data.
OK

4. Click **OK**.
5. To view the datalogs, under the Devices toolbar, click **Logs / Results**. Refer to Viewing and Exporting Data in Fleet Manager II.

Import Individual Datalogs From an Individual Detector

Fleet Manager II can import individual datalogs. However, a day's data-log may be broken up into several data log files.

To import an individual datalog from an individual detector, complete the following:

1. Click **+** beside the detector. The item expands to display the individual detector serial numbers.

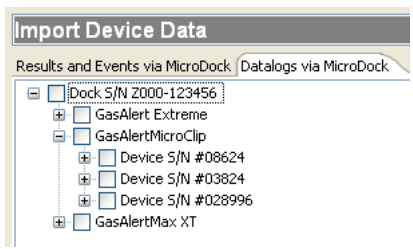


Figure 35. Expanded Detector

2. Click **+** beside the serial number of the individual detector.

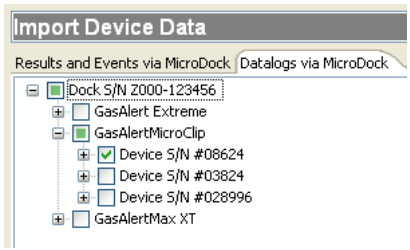


Figure 36. Selecting An Individual Detector

3. The list of data log files displays.

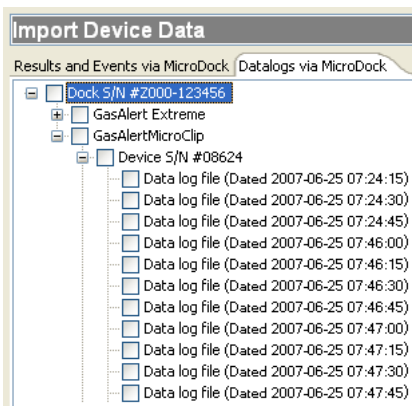

Import Device Data
Results and Events via MicroDock
Datalogs via MicroDock
Dock S/N #Z000-123456
GasAlert Extreme
GasAlertMicroClip
Device S/N #08624
Data log file (Dated 2007-06-25 07:24:15)
Data log file (Dated 2007-06-25 07:24:30)
Data log file (Dated 2007-06-25 07:24:45)
Data log file (Dated 2007-06-25 07:46:00)
Data log file (Dated 2007-06-25 07:46:15)
Data log file (Dated 2007-06-25 07:46:30)
Data log file (Dated 2007-06-25 07:46:45)
Data log file (Dated 2007-06-25 07:47:00)
Data log file (Dated 2007-06-25 07:47:15)
Data log file (Dated 2007-06-25 07:47:30)
Data log file (Dated 2007-06-25 07:47:45)

Figure 37. List of Data Log Files

Note

The time stamp beside the data log file indicates when the data log file was imported to the base station's MMC.

The data log files at the top of the list contain the newest datalogs. The data log files at the bottom of the list contain the oldest datalogs.

4. Based on the time stamp, select the applicable data log file.

Note

A datalog may be split into several data log files. Several data log files may be selected to import a complete datalog.

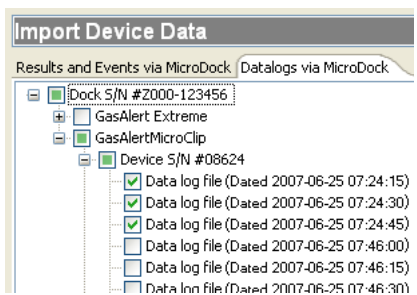
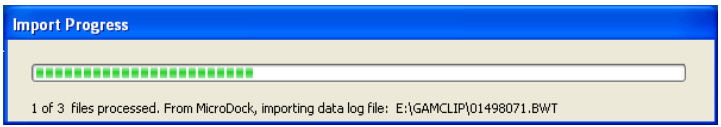

Import Device Data
Results and Events via MicroDock
Datalogs via MicroDock
Dock S/N #Z000-123456
GasAlert Extreme
GasAlertMicroClip
Device S/N #08624
Data log file (Dated 2007-06-25 07:24:15)
Data log file (Dated 2007-06-25 07:24:30)
Data log file (Dated 2007-06-25 07:24:45)
Data log file (Dated 2007-06-25 07:46:00)
Data log file (Dated 2007-06-25 07:46:15)

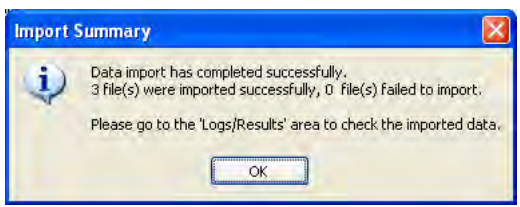
Figure 38. Selecting Data Log Files

5. Click **Import** on the right-hand side.

   The Import Progress pop up displays.



   When the datalog has imported, the Import Summary dialog box displays.


Import Summary
Data import has completed successfully.
3 file(s) were imported successfully, 0 file(s) failed to import.
Please go to the 'Logs/Results' area to check the imported data.
OK

6. Click **OK**.
7. To view the datalogs, under the Devices toolbar, click **Logs / Results**. Refer to Viewing and Exporting Data in Fleet Manager II.

Note

To ensure the day's datalog is complete, the time stamps under **Log Time** *in the Logs / Results View table must span from* **00:00** *to* **23:59**.

If the day's datalog is not complete, select the data log files above and/or below the original selection and repeat steps #4 to 6.

Importing Data From the GasAlertClip Extreme

Event logs from the GasAlertClip Extreme cannot be imported directly into Fleet Manager II. The event log is transferred to the base station MMC after a bump test. To download the event logs, select the **Results and Events via MicroDock** tab. Refer to Importing Results and Events from MicroDock II.

Importing Data From the GasAlert Extreme

Note

The default setting for the Import Option is **Filter out 0 ppm or 20.9% records (for datalogs)**.*Fleet Manager II does not import datalogs where toxic gas is at 0 ppm concentration and oxygen is at ambient concentration.*

To select **Do not filter out zero records**, *click* **Options** *in the right-hand corner.*

Selecting **Do not filter out zero records** *may result in a large number of datalogs being imported. This may impact system performance.*

Method 1 — Importing Data Using the IR DataLink

To import event logs or datalogs with the IR DataLink, complete the following:

1. Activate the detector.
2. Connect the IR DataLink to the PC.
3. Upload the event logs or datalogs to the IR DataLink. Refer to the *IR DataLink User Manual* and *GasAlert Extreme User Manual*.

4. From the **Devices** toolbar, click **Import**. In the Import Device Data main screen, click the **Directly From a File** tab.

Figure 39. Directly From A File Tab

5. Click **Choose File** on the left-hand side.

   A file browser window displays. Select a file to import.

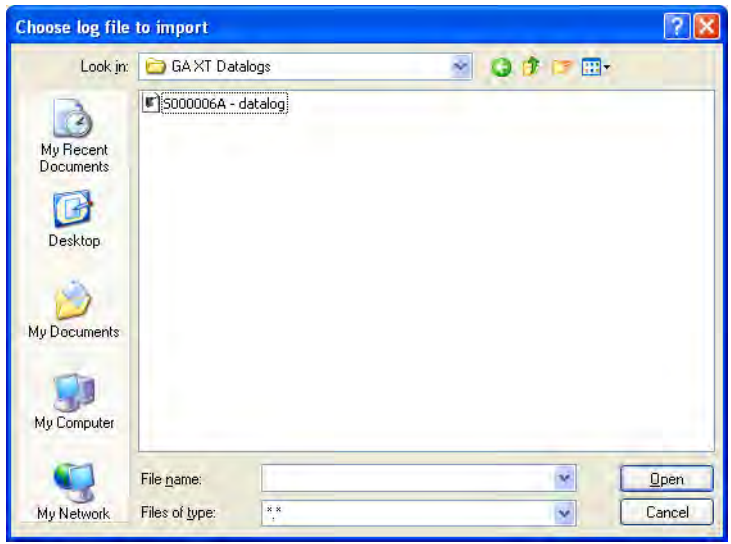


Figure 40. File Browser Window

6. Select the event log or datalog and click **Open**.

7. The file name appears in the Import Device Data main screen. Click **Import** on the right side of the screen.

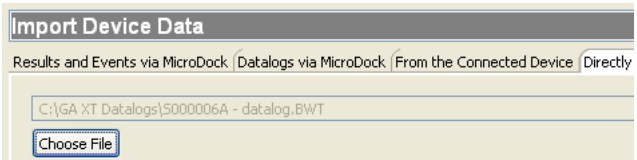
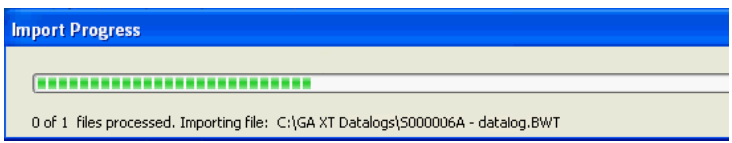
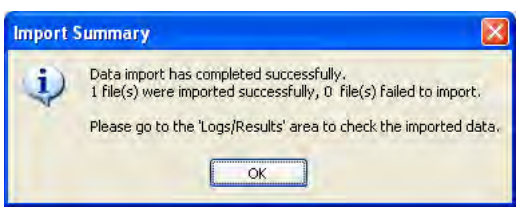


Figure 41. Selected File To Import

The Import Progress pop up displays.



When the datalog or event log has imported, the Import Summary dialog box displays.


Import Summary
Data import has completed successfully.
1 file(s) were imported successfully, 0 file(s) failed to import.
Please go to the 'Logs/Results' area to check the imported data.
OK

8. Click **OK**.

9. To view the event logs or datalogs, under the Devices toolbar click **Logs / Results**. Refer to Viewing and Exporting Data in Fleet Manager II.

Method 2 — Importing Data from the MicroDock II

The GasAlert Extreme event log is transferred to the base station after a bump test or calibration. To import the event logs, select the **Results and Events via MicroDock** tab. Refer to Importing Results and Events from MicroDock II.

Datalogs are transferred to the base station by pushing ◯ DATA TRANSFER on the GasAlert Extreme docking module. For more information about ◯ DATA TRANSFER, refer to the *MicroDock II User Manual*.

To download datalogs, select the **Datalogs via MicroDock** tab. Refer to Importing Datalogs from MicroDock II.

Importing Data from the GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT, and GasAlert-Quattro

Note

The default setting for the Import Option is **Filter out 0 ppm or 20.9% records (for datalogs)**.*Fleet Manager II does not import datalogs where toxic gas is at 0 ppm concentration and oxygen is at ambient concentration.*

To select **Do not filter out zero records**, *click* **Options** *in the right-hand corner.*

Selecting **Do not filter out zero records** *may result in a large number of datalogs being imported. This may impact system performance.*

Method 1 — Importing Data with the IR Link

To import event logs or datalogs with the IR Link, complete the following:

Note

USB driver must be installed on the PC to import data with the IR Link. Refer to Installing the USB Driver.

The GasAlertQuattro can only use the new IR Link.

1. Activate the detector and wait for the startup self-test to complete.
2. Attach the IR Link. Refer to Connecting the IR Link to the Detector.
3. Connect the IR Link to the PC. Ensure the USB cable is inserted into the same USB port used to install the USB driver.
4. In Fleet Manager II, under the Devices toolbar click **Import**. In the Import Device Data main screen, select the **From the Connected Device** tab.

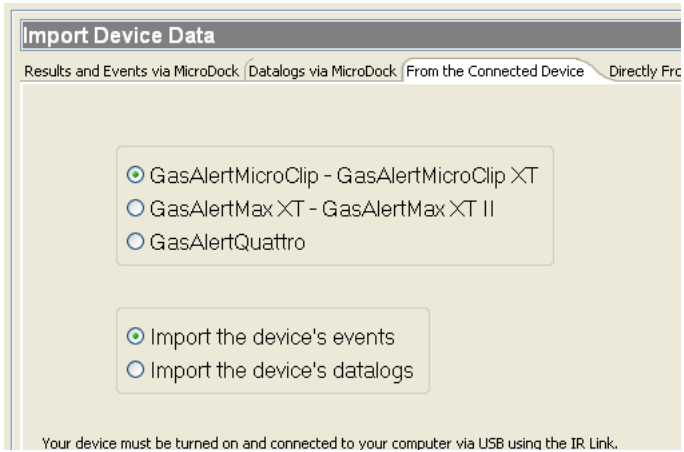

Import Device Data
Results and Events via MicroDock
Datalogs via MicroDock
From the Connected Device
Directly Frc
GasAlertMicroClip - GasAlertMicroClip XT
GasAlertMax XT - GasAlertMax XT II
GasAlertQuattro
Import the device's events
Import the device's datalogs
Your device must be turned on and connected to your computer via USB using the IR Link.

Figure 42. From The Connected Device Tab

5. If importing event logs, refer to Importing GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, and GasAlertQuattro Event Logs.

   If importing datalogs, refer to Importing GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, or GasAlertQuattro Datalogs.

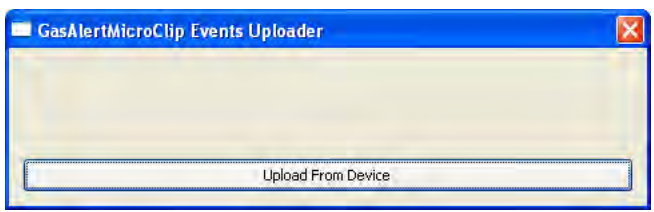
Note

When importing datalogs or event logs, the data is first uploaded to a temporary file before it is imported into Fleet Manager II.

Importing GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, and GasAlertQuattro Event Logs

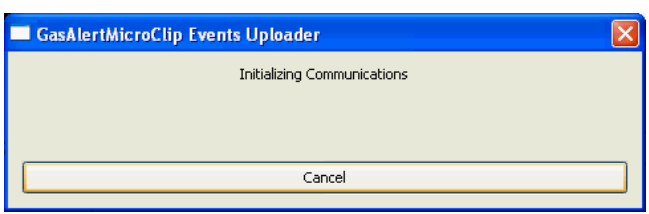
1. Select **Import the device's events**.
2. Select either **GasAlertMicroClip - GasAlertMicroClip XT**, **GasAlertMax XT - GasAlertMax XT II**, or **GasAlertQuattro**.
3. Click **Import** on the right-hand side.

   The Events Uploader dialog box displays.

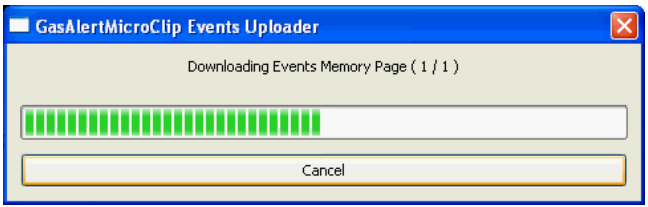


4. Click **Upload From Device**.

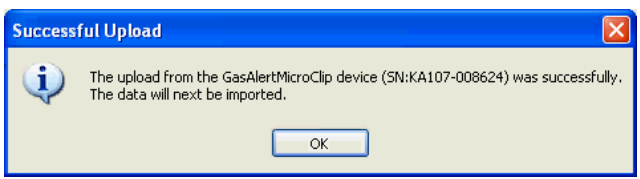
   Initializing Communications displays on the Events Uploader dialog box.



Then **Downloading Events Memory Page** displays on the Events Uploader dialog box.

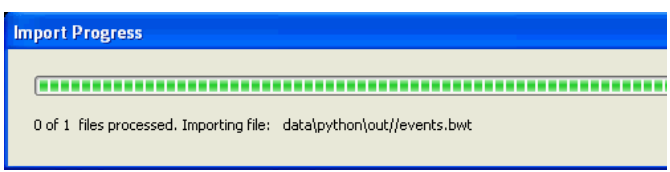


When the event logs are uploaded, the Successful Upload dialog box displays.

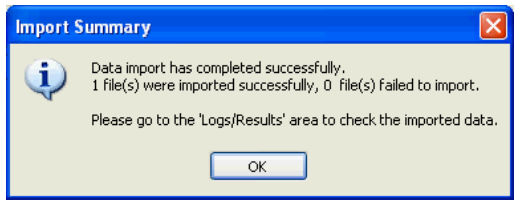

Successful Upload
The upload from the GasAlertMicroClip device (SN:KA107-008624) was successfully.
The data will next be imported.
OK

5. Click **OK**.

   The Import Progress pop up displays.



When the event logs are imported, the Import Summary dialog box displays.

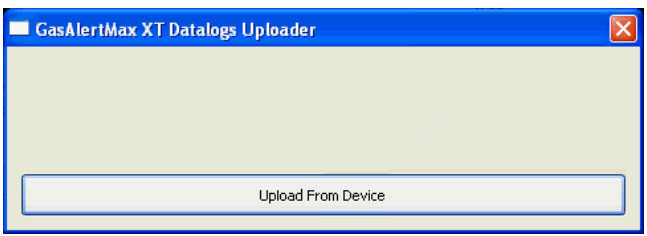

Import Summary
Data import has completed successfully.
1 file(s) were imported successfully, 0 file(s) failed to import.
Please go to the 'Logs/Results' area to check the imported data.
OK

6. Click **OK**.
7. To view the event logs, under the Devices toolbar, click **Logs / Results**. Refer to Viewing and Exporting Data in Fleet Manager II.

Importing GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, or GasAlertQuattro Datalogs

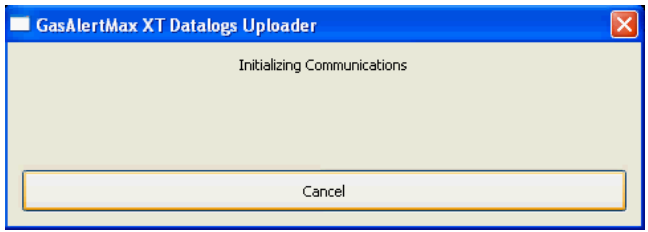
1. Select **Import the device's datalogs**.
2. Select either **GasAlertMicroClip - GasAlertMicroClip XT**, **GasAlertMax XT - GasAlertMax XT II**, or **GasAlertQuattro**.
3. Click **Import** on the right-hand side.

   The Datalog Uploader dialog box displays.

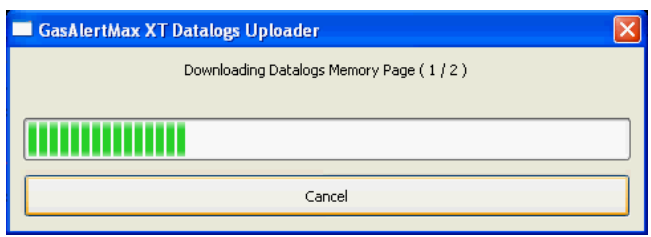


4. Click **Upload From Device**.

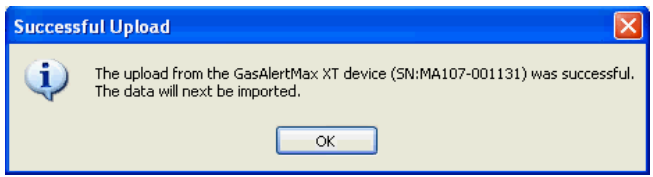
   Initializing Communications displays on the Datalog Uploader dialog box.



   Then **Downloading Datalog Memory Page** displays on the Datalog Uploader dialog box.

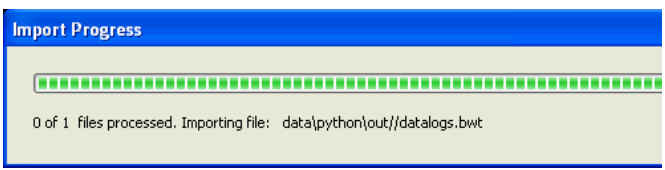


When the datalogs are uploaded, the Successful Upload dialog box displays.

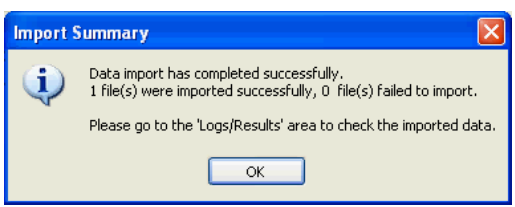

Successful Upload
The upload from the GasAlertMax XT device (SN:MA107-001131) was successful.
The data will next be imported.
OK

5. Click **OK**.

   The Import Progress pop up displays.



When the datalogs are imported, the Import Summary dialog box displays.


Import Summary
Data import has completed successfully.
1 file(s) were imported successfully, 0 file(s) failed to import.
Please go to the 'Logs/Results' area to check the imported data.
OK

6. Click **OK**.

7. To view the event logs or datalogs, under the Devices toolbar click **Logs / Results**. Refer to Viewing and Exporting Data in Fleet Manager II.

Method 2 — Importing Data from the MicroDock II

To import results and events from the base station, use the **Results and Events via MicroDock** tab.

A detector's event log is transferred to the base station MMC after a bump test or calibration. For more information, refer to Importing Results and Events from MicroDock II.

To import datalogs from the base station MMC, select the **Datalogs via MicroDock** tab. To transfer datalogs to the base station MMC, complete one of the following:

- Press ◯ DATA TRANSFER on the GasAlertMicroClip, GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, or GasAlertQuattro docking module.
- Enable the Automatic Datalog Download option where the datalogs are transferred automatically to the base station MMC after a bump test or calibration. Refer to Automatic Datalog Download in Testing Options.

For more information, refer to Importing Datalogs from MicroDock II. For more information on Automatic Datalog Download, refer to GasAlertMicroClip / GasAlertMicroClip XT Testing Options, GasAlertMax XT / GasAlertMax XT II Testing Options, or GasAlertQuattro Testing Options. For more information on ◯ DATA TRANSFER, refer to the *MicroDock II User Manual*.

Importing Data From the GasAlertMicro

Note

The default setting for the Import Option is **Filter out 0 ppm or 20.9% records (for datalogs)**. _Fleet Manager II does not import datalogs where toxic gas is at 0 ppm concentration and oxygen is at ambient concentration._

To select **Do not filter out zero records**_, click_ **Options** _in the right-hand corner._

Selecting **Do not filter out zero records** _may result in a large number of datalogs being imported. This may impact system performance._

To import datalogs from the GasAlertMicro, complete the following:

1. Remove the MMC from the detector. Refer to the *GasAlertMicro User Manual*.
2. Connect a card reader to the PC.
3. Insert the detector's MMC into the card reader.
4. Open Fleet Manager II.
5. From the **Devices** toolbar, click **Import**. From the Import Device Data main screen, click the **Directly From a File** tab.

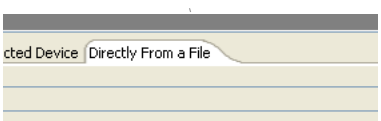
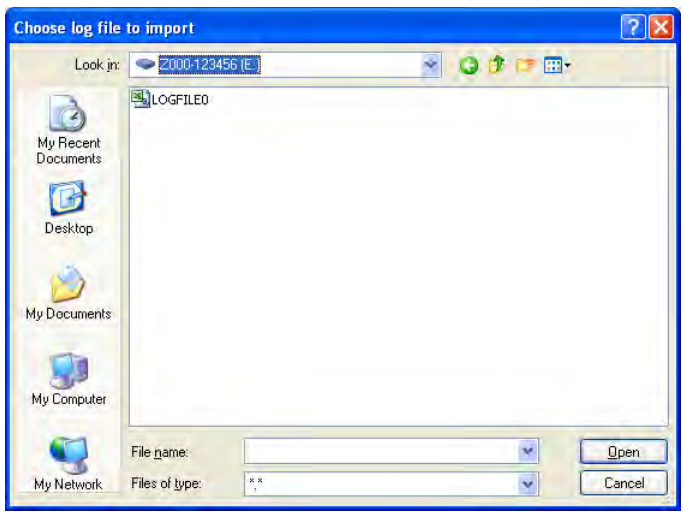


Figure 43. Directly From a File Tab

6. Click **Choose File** on the left-hand side.

   A file browser window displays. Navigate to the card reader drive.



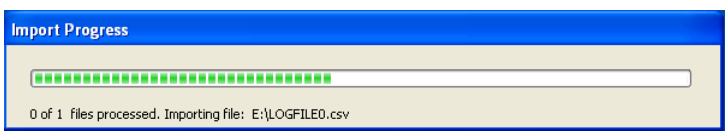
7. Select the **LOGFILE0** file and click **Open**.

   The file name appears in the Import Device Data main screen.

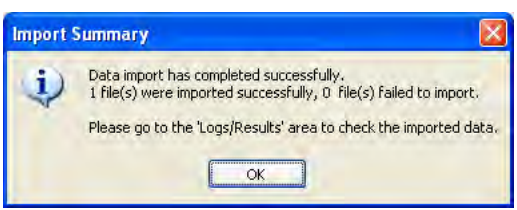
Figure 44. Datalog Location

8. Click **Import** on the right-hand side.

   The Import Progress pop up displays.



When the datalogs are uploaded, the Import Summary dialog box displays.


Import Summary
Data import has completed successfully.
1 file(s) were imported successfully, 0 file(s) failed to import.
Please go to the 'Logs/Results' area to check the imported data.
OK

9. Click **OK**.
10. To view the event logs or datalogs, under the Devices tab, click **Logs / Results**. Refer to Viewing and Exporting Data in Fleet Manager II.

Importing Data From the GasAlertMicro 5/PID/IR

Note

The default setting for the Import Option is **Filter out 0 ppm or 20.9% records (for datalogs)**. *Fleet Manager II does not import datalogs where toxic gas is at 0 ppm concentration and oxygen is at ambient concentration.*

To select **Do not filter out zero records**, *click* **Options** *in the right-hand corner.*

Selecting **Do not filter out zero records** *may result in a large number of datalogs being imported. This may impact system performance.*

To import datalogs from the GasAlertMicro 5/PID/IR, complete the following:

1. Remove the MMC from the detector. Refer to the *GasAlertMicro 5/PID/IR User Manual*.
2. Connect a card reader to the PC.
3. Insert the detector MMC into the card reader.
4. Open Fleet Manager II

5. From the **Devices** toolbar, click **Import**. From the Import Device Data main screen click **Directly From a File** tab.

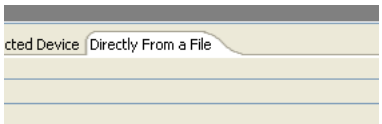
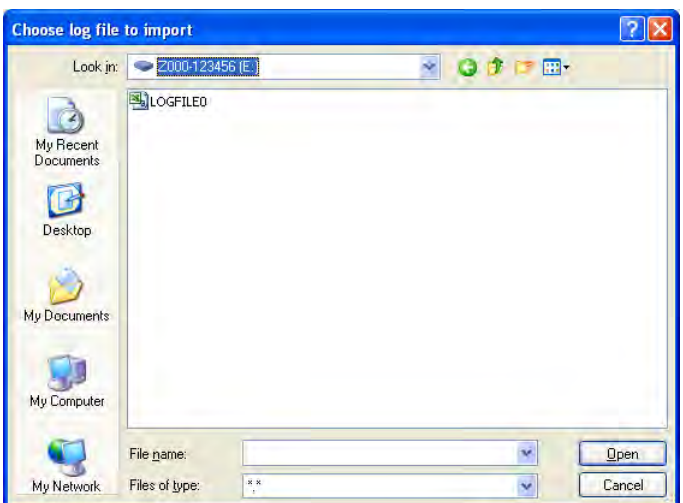


Figure 45. Directly From a File Tab

6. Click **Choose File** on the left-hand side.

   A file browser window displays. Navigate to the card reader drive.



7. Select the **LOGFILE0** file and click **Open**.

   The file name appears in the Import Device Data main screen.

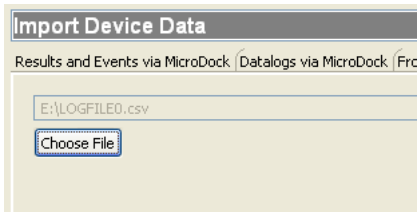
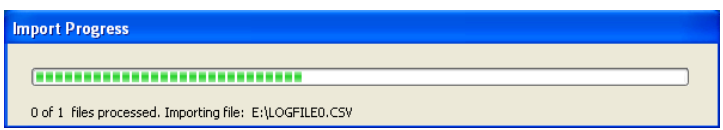


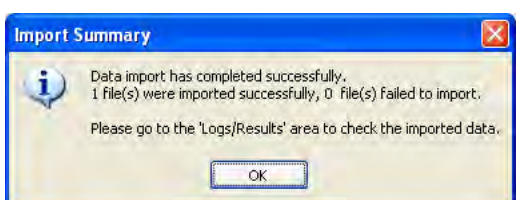
Figure 46. Datalog Location

8. Click **Import** on the right-hand side.

   The Import Progress pop up displays.



When the datalogs are uploaded, the Import Summary dialog box displays.


Import Summary
Data import has completed successfully.
1 file(s) were imported successfully, 0 file(s) failed to import.
Please go to the 'Logs/Results' area to check the imported data.
OK

9. Click **OK**.
10. To view the event logs or datalogs, under the Devices tab, click **Logs / Results**. Refer to Viewing and Exporting Data in Fleet Manager II.

Viewing and Exporting Data in Fleet Manager II

Data in the Import Logs, Logs / Results, Device Users, and MicroDocks tables can be organized by hiding or unhiding columns and filtering the results. Text size can be increased or decreased.

Data from the following tables can be exported as a CSV, HTML, or Microsoft Excel file.

- Import Logs
- Logs / Results
- Device Users
- MicroDock

Refer to Exporting Data in Fleet Manager II.

Data Tree Structure in the Logs / Results View Table

Listed below each detector type are three data categories.

1. Click the plus sign beside each detector to display the three data categories
   - Event Logs
   - Datalogs
   - Bump/Cal Results

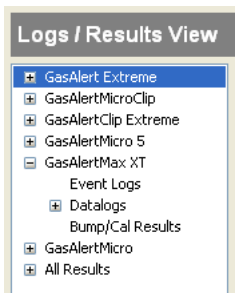


Figure 47. Three Data Categories

Datalogs are further organized by an individual detector's serial number.

2. Click a detector's serial number to display the corresponding datalogs. If there are many datalogs, they may be archived. Refer to Datalog Archive. Datalogs not in an archive are organized by date.

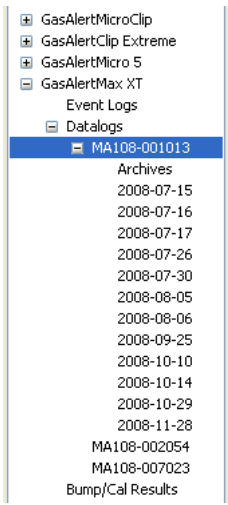
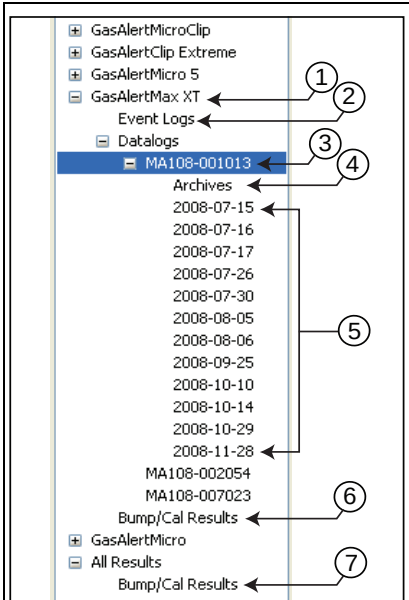


Figure 48. A Detector's Datalogs

3. To view the calibration and bump test results for all detector types, click **+** beside **All Results**.

4. The list expands. Click **Bump/Cal Results**. Refer to Table 3.

Table 3. Logs / Results View Table Expanded



1	Detector type
2	Event Logs
3	Detector serial number
4	Datalog archives
5	Daily datalogs
6	Bump test and calibration results
7	Bump test and calibration results for all detectors

Datalog Archive

If many datalogs are present in Fleet Manager II, it may cause performance problems. Archiving datalogs moves the datalogs to a archive directory. Datalogs from a specific date or range of dates can be retrieved and viewed in Fleet Manager II.

Datalogs are archived manually. To automatically archive the datalogs, refer to Defining Automatic Archive.

Note

Archiving a large number of datalogs can take a while depending on the computer specifications and other applications open at the same time as Fleet Manager II. If there are many datalogs to archive, archive short date ranges for individual detectors.

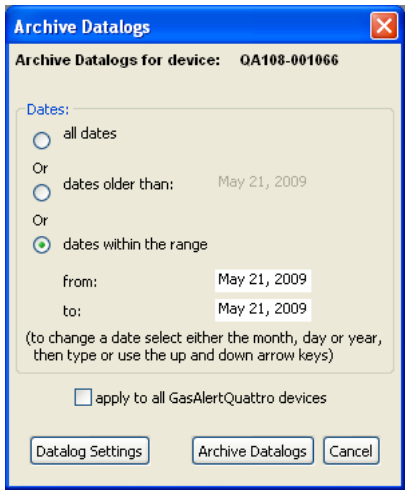
Archiving Datalogs

To archive datalogs manually, complete the following:

1. From the Devices toolbar, click **Logs/Results**.
2. Click on the serial number of the detector with the datalogs you want to archive.

   The datalogs display.
3. Click on the date which is to be archived.
4. In the lower left-hand corner, click **Archive**.

   The Archive Datalogs dialog box displays.



5. Select **all dates**, **dates older than**, or **dates within the range** to determine which datalogs to archive.

Note

Press up to decrement the value and press down to increment the value.

Or

Click **apply to all [detector] devices** to archive all datalogs for that type of detector.

6. When satisfied with the settings, archive the datalogs. Click **Archive Datalogs**.

   To retrieve the datalogs, refer to Retrieving Datalogs.

Retrieving Datalogs

1. From the **Devices** toolbar, click **Logs/Results**.
2. Select the detector type to retrieve the datalogs.
3. Click **Datalogs** and then click the serial number of the detector.
4. Under the serial number, click **Archives**.

   The Retrieve Archived Datalogs dialog box displays.

   To retrieve one day's worth of datalogs, refer to Retrieving One Day's Worth of Datalogs.

   To retrieve datalogs from a range of dates, refer to Retrieving Datalogs from a Range of Dates.

Retrieving One Day's Worth of Datalogs

1. Under the year, expand the month to reveal the dates.
2. Click the date that contains the desired datalogs.

   The Start Date and End Date fields automatically populate with the same date.
3. Click **OK**.

   Fleet Manager II retrieves the datalogs. Depending on the number of datalogs, the process may take some time.
4. The datalog date now displays under the serial number.

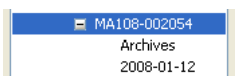


Figure 49. Retrieved Datalog Date

Retrieving Datalogs from a Range of Dates

When defining a span of dates, the first date clicked is the Start Date. The second date clicked is the End Date. To select a span of dates, complete the following:

1. Expand the year and month of the first date.
2. Click on the date. This populates the Start Date field.
3. To define the End Date, expand the year and month of the last date.

   Repeat step #2.
4. Click **OK**.

   Fleet Manager II retrieves the datalogs. Depending on the number of datalogs, the process may take some time.

   The datalog dates now display under the serial number.

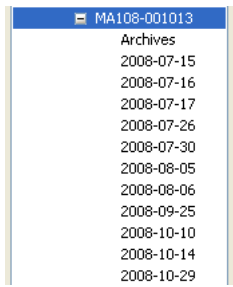


Figure 50. Range of Retrieved Datalogs

Datalog Archive Settings

If the database contains a large amount of datalogs, BW recommends manually archiving the datalogs before beginning automatic archive. If a manual archive is not done first, the computer may crash when attempting an automatic archive. After the initial manual datalog archive is complete, begin automatic archive.

BW recommends to archive your datalogs manual in the following manner.

- Archive the datalogs manually by device type e.g. all GasAlertExtreme detectors then all GasAlertQuattro detectors, etc
- Archive by date range, i.e. 6-month periods. Select a time period that is small enough for the system to handle

- Archive by individual serial number.

To modify the datalog archive settings, complete the following:

1. From the Devices toolbar, click **Logs/Results**.
2. Select the detector type and then the serial number for the detector.
3. Click **Archive**.

   The Archive Datalogs dialog box displays.

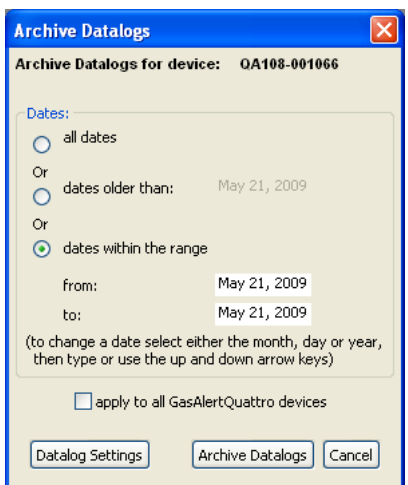
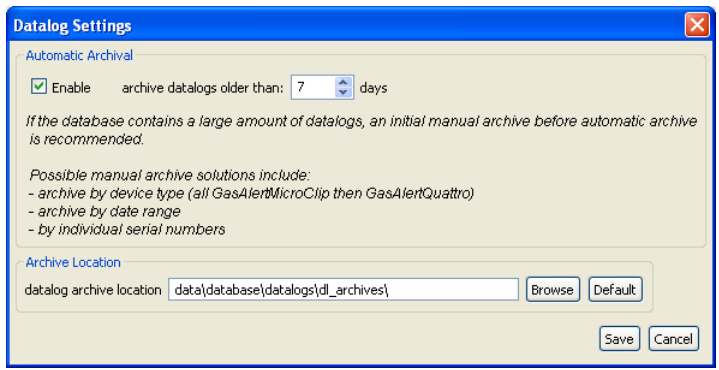


Figure 51. Archive Datalogs Dialog Box

4. Click the **Datalog Settings** button.

   The Datalog Settings dialog box displays.



Note

If logged into the Administration functions, the Datalog Settings dialog box can also be accessed from Settings in the Administration toolbar.

5. To define the automatic archive settings, refer to Defining Automatic Archive.

   To define the datalog archive location, refer to Defining Archive Location.

6. When the settings are defined, click **Save**.

Defining Automatic Archive

⚠ Caution

If the database contains a large amount of datalogs, BW recommends manually archiving the datalogs before beginning automatic archive. If a manual archive is not done first, the computer may crash when attempting an automatic archive. After the initial manual datalog archive is complete, begin automatic archive.

Refer to Datalog Archive Settings.

Note

Automatically archiving the datalogs of a large fleet of instruments may take several minutes.

The automatic datalog archive moves any datalogs older than seven days. The automatic datalog archive and the archive location can be modified. Refer to Enable/Disable the Automatic Archive and Defining Archive Location.

When the datalogs are automatically archived, the following screen displays. Click **OK** to minimize the archive window.

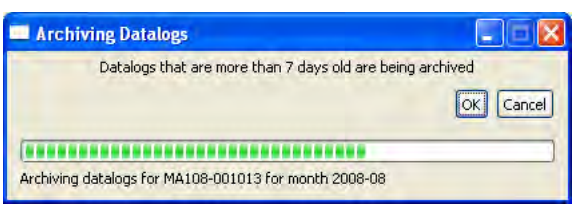

Archiving Datalogs
Datalogs that are more than 7 days old are being archived
OK
Cancel
Archiving datalogs for MA108-001013 for month 2008-08

Figure 52. Archiving Datalogs Dialog Box

Enable/Disable the Automatic Archive

To disable the automatic archive, remove the check from the check box in the Datalog Settings dialog box.

To enable the automatic archive, place a check in the check box in the Datalog Settings dialog box.

Defining When Datalogs Are Archived

To define when datalogs are archived, input a value in the field **archive datalogs older than** or use the buttons to increment or decrement the value.

Note

The default value is seven days.

Defining Archive Location

The default location for the datalog archive is on the user's computer. The default address is C:\Program Files\BW Technologies\Fleet Manager II\data\database\datalogs\dl_archives. The datalogs are archived by device type, then serial number, and then year and month.

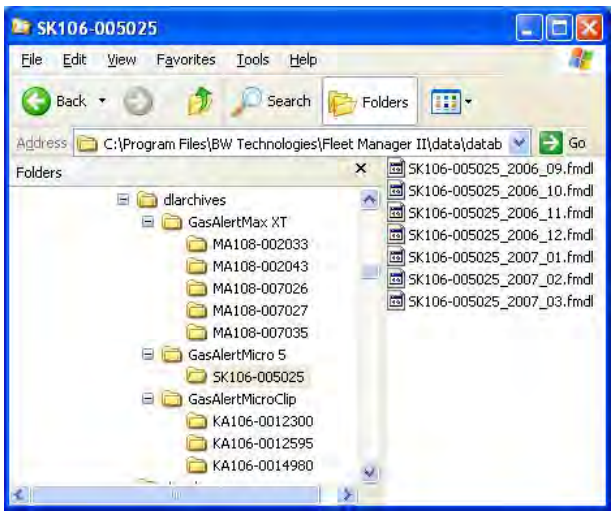


Figure 53. Default Datalog Archive Location

The datalog archive can be placed on a network drive. When the datalog archive is placed on a network drive, the datalog archive can be shared between different Fleet Manager II instances.

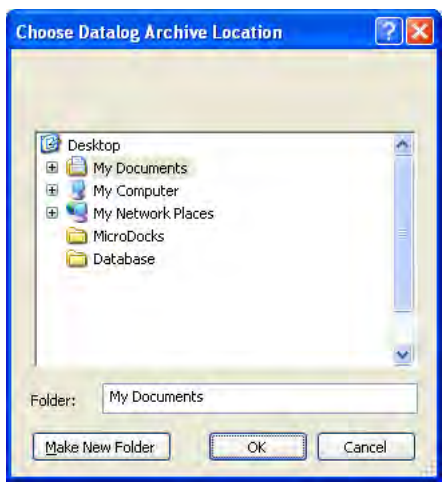
Also, datalog archives from other users can be viewed in Fleet Manager II when the datalog archive is placed in the datalog archive location.

To return the archive location to the default, click **Default**. Fleet Manager II copies over the datalogs into the default location.

To define the archive location, complete the following:

1. To access the Choose Datalog Archive Location dialog box, refer to steps #1-5 in Datalog Archive Settings.
2. Click **Browse**.

   The Choose Datalog Archive Location dialog box displays.



3. Select a new location. Click OK.

   The new location displays in the datalog archive location field. The new address is highlighted red to indicate a change was made.

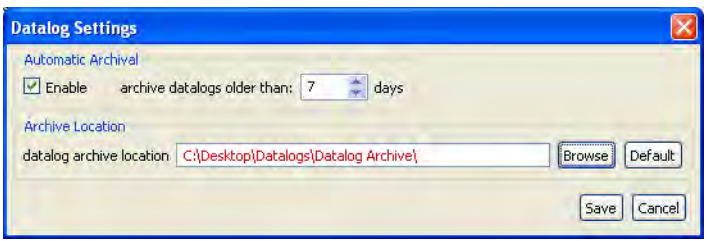
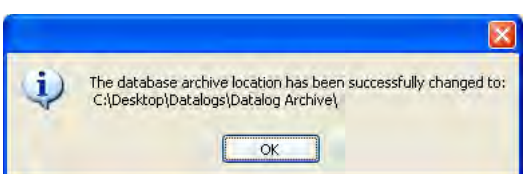


Figure 54. New Datalog Archive Location

4. Click **Save**. The following dialog box displays.

5. Click **OK**. The following dialog box displays.



6. Fleet Manager II returns to the Archive Datalogs dialog box.

Changing the Data View

Data Sort Order

To sort data, complete the following:

1. Click the column headings once to sort data for the entire main screen. Depending upon the type of data, all data is now listed in alphabetical, smallest to largest, or chronological order.
2. Click the column headings a second time to sort the data in reverse alphabetical order, largest to smallest, or reverse chronological order.
3. Click the column headings a third time to return the data to the original view.

Altering Text Size

Text can be increased two magnitudes and decreased one magnitude.

Note

If text size is altered for one main screen, the text size is altered in the other main screens.

Method 1 — Using the Settings Button

To alter text size with the **Settings** button, complete the following:

1. Click **Settings** in the lower right-hand corner.

   The Settings menu displays.

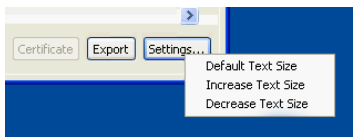


Figure 55. Settings Button Menu

2. Select to increase or decrease text size. The text size alters according to selection.
3. To increase text size one more magnitude, repeat steps #1-2.

Method 2 — Using Right Mouse Click

To alter text using the context click, complete the following:

1. Right click anywhere in the table.

Serial Number	Location	Type 1	Type 2	Type 3
753-89562	Grass Lakes	GasAlertMicro	GasAlertClip Extreme	GasAlert Extreme
128-99541	Red Sands	GasAlertMicro 5	GasAlertMicro 5	GasAlertMax XT
563-44596	Aqua Cove	GasAlertClip Extreme	GasAlertMicro 5	GasAlertClip Extreme
741-92237	Orange Hills	GasAlertClip Extreme	GasAlertMicro	GasAlertMicroClip
552-31584	White Caves	GasAlertMax XT	GasAlertMicroClip	GasAlertClip Extreme

Figure 56. Table Area

The context menu displays.

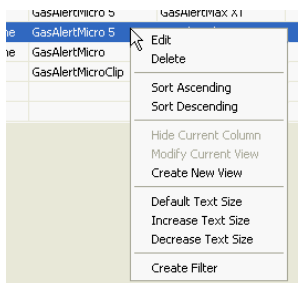


Figure 57. Context Menu

2. Select to increase or decrease text size. The text size alters according to choice.
3. To increase text size one more magnitude, complete steps #1-2.

Returning Text Size to Default

Method 1 — Using the Settings Button

To return text size to its default size with the **Settings** button, complete the following:

1. Click **Settings** in the lower right-hand corner.

   The Settings menu displays.

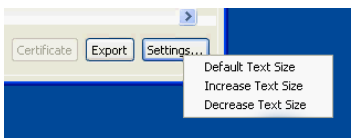


Figure 58. Settings Button Menu

2. Select **Default Text Size**. The text returns to the default size.

Method 2 — Using Right Mouse Click

To return text size to its default size using the context click, complete the following:

1. Right click anywhere in the table.

Serial Number	Location	Type 1	Typ
753-89562	Grass Lakes	GasAlertMicro	Gas
128-99541	Red Sands	GasAlertMicro 5	Gas
563-44596	Aqua Cove	GasAlertClip Extreme	Gas
741-92237	Orange Hills	GasAlertClip Extreme	Gas
552-31584	White Caves	GasAlertMax XT	Gas

Figure 59. Table Area

The context menu displays.

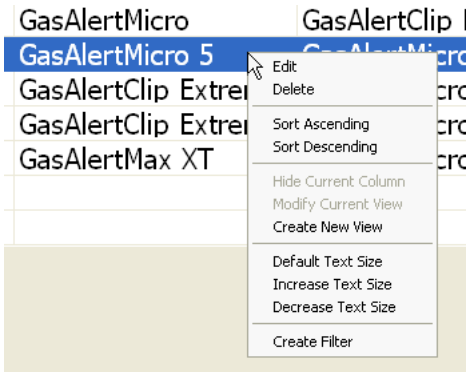


Figure 60. Context Menu

2. Select **Default Text Size**. The text size returns to the default size.

Default Views

Each table has a default view. The default view hides columns that are not applicable to the detector.

Example: The GasAlertClip Extreme default view for the bump/cal results does not include calibration information, additional sensor information, and additional MicroDock II inlet information.

A filter is different from a view. A view hides entire columns regardless of the data for all records, while a filter displays only records that fulfill its rules. Refer to Filters.

Creating a View

To create a view, complete the following:

1. Click **View...** and select **Create New View...**

   The Displayed Columns dialog box displays.

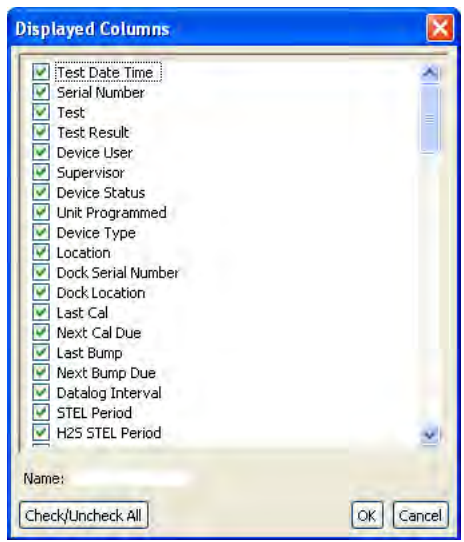


Figure 61. Displayed Columns Dialog Box

2. To hide columns, uncheck the columns that will be hidden.

   If many columns must be hidden, click **Check/Uncheck All**. All checks disappear. Then, click the checkboxes beside the columns to display.

3. Enter a name for the view in the **Name** field. If a name is not entered, Fleet Manager II cannot save the view.

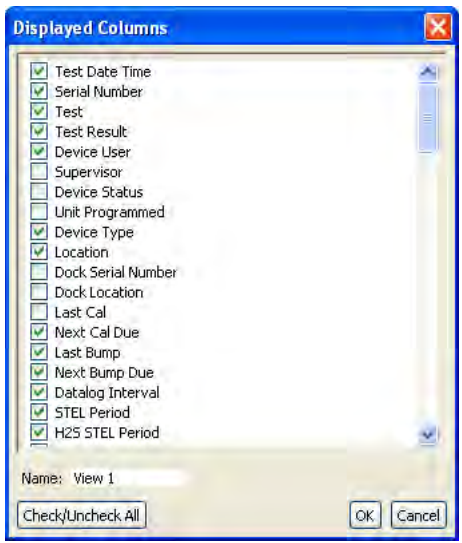


Figure 62. Entering a Name To Save the View

4. Click **OK**.

Modifying Views

The view can be changed to display or hide different columns. The name of the view can also be changed.

To modify the view, complete the following:

1. Select the view from the drop-down menu.

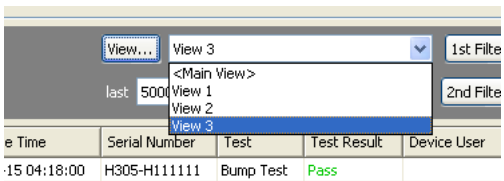


Figure 63. View Drop-Down Menu

2. Click **View...** and select **Modify**.

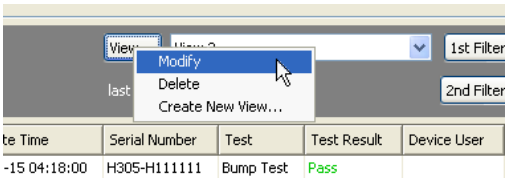


Figure 64. Selecting Modify

Or

Right click anywhere in the table and select **Modify** from the context menu.

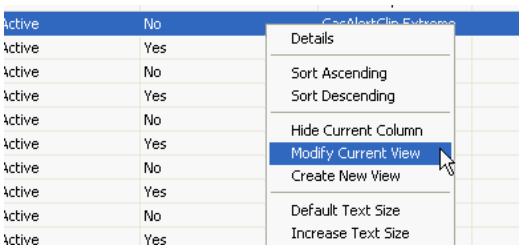


Figure 65. Selecting Modify From the Context Menu

The Displayed Columns dialog box displays.

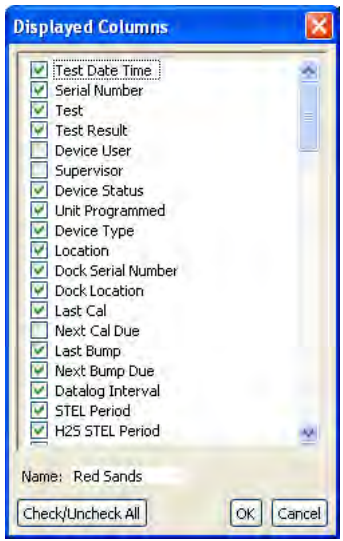


Figure 66. Displayed Columns Dialog Box

3. To hide columns, uncheck the checkbox beside the column.

   To display columns, click the checkbox beside the column.

   To change the name, enter a new name in the **Name** field.

4. Click **OK**.

Deleting a View

To delete a view, complete the following:

1. Select the view from the drop-down menu.

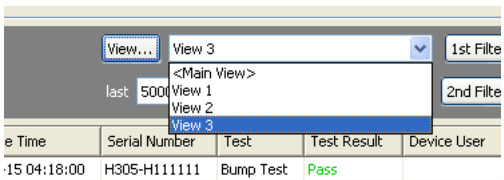


Figure 67. View Drop-Down Menu

2. Click **View...** and select **Delete**.

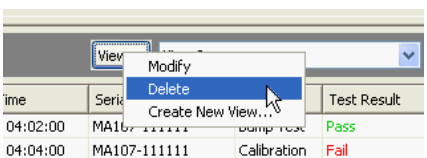


Figure 68. Selecting Delete

The Confirm Delete dialog box displays.

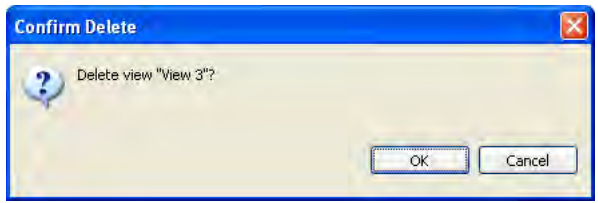


Figure 69. Confirm Delete Dialog Box

3. Click **OK**.
4. The view returns to the default view.

Hiding Columns

Columns can be hidden in the Import Logs, Logs / Results View, Device Users, and MicroDocks tables.

A view must be applied to hide columns.

Hiding a Single Column

1. Select the view from the View drop-down menu.

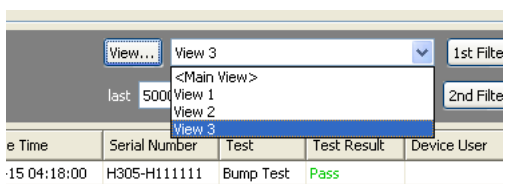


Figure 70. View Drop-Down Menu

2. Right click in the column to be hidden. The context menu displays. Click **Hide Current Column**.

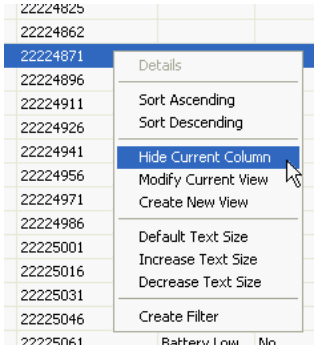


Figure 71. Selecting a Column To Hide

The column no longer displays.

3. Repeat steps #2-3 to hide additional columns.

Hiding Multiple Columns

To hide multiple columns, refer to Modifying Views.

Displaying the Hidden Column(s)

To display the hidden column(s), refer to Modifying Views.

Filters

Filters in Fleet Manager II organize the data in the Import Logs, Logs / Results View, Device Users, and MicroDocks table. Only two filters may be applied to the table at any time. However, multiple rules can be created for one filter.

A filter is different from a view.

- A view hides entire columns regardless of the data for all records. Refer to Default Views.
- A filter displays only records that fulfill its rules.

Default filters are available for bump test and calibration results only. Refer to Using Default Filters.

With two filters, it may be easier to filter results quickly. For example, if one filter displays only passed bump tests, the second filter can display another value.

Previous Days Displayed

Datalogs, event logs, and bump and calibration results can be filtered by the last [numbers] days. Refer to Table 4.

Table 4. Last Days Selection

List of days ago						
5000	365	180	90	60	30	20
10	7	5	4	3	2	1

Select 5000 to display all records.

Creating a New Filter

Method 1 — Filter Button

1. Click **1st Filter** or **2nd Filter** in the upper right-hand corner.

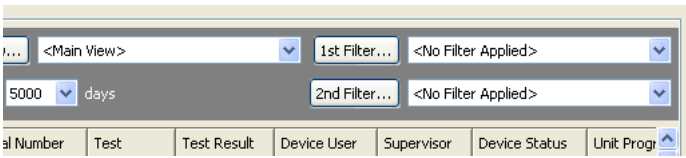


Figure 72. Filter Button

2. The Filter menu displays. Click **Create New Filter.**

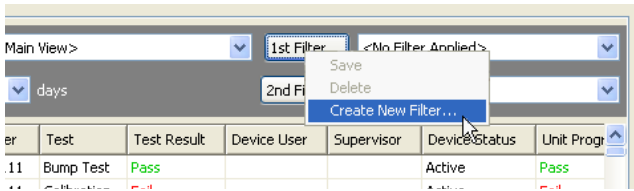
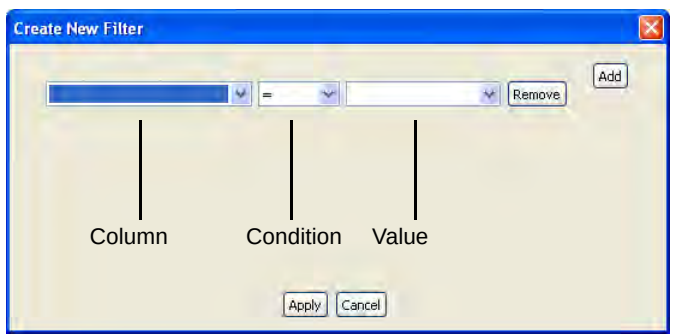


Figure 73. Clicking Create New Filter

A blank Create New Filter dialog box displays.



Refer to Creating a filter rule.

Method 2 — Using Right Click

1. Select a value, like serial number or test result, to filter by. Right click on the value.

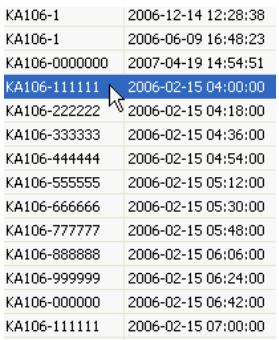


Figure 74. Selecting A Characteristic To Filter

The context menu displays.

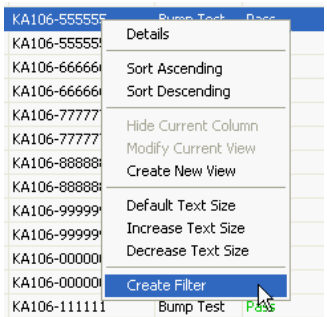


Figure 75. Selecting Create Filter From the Context Menu

2. Click **Create Filter.**

   A Create New Filter dialog box displays.

   The fields automatically populate based on the value selected. Refer to the figure below as an example.

   To change any of the fields, refer to Creating a filter rule.

Creating a filter rule

1. From the **Column** drop down menu, select a Column variable.
2. From the **Condition** drop down menu, select a Condition variable. Refer to Table 5.

Table 5. Condition Symbols

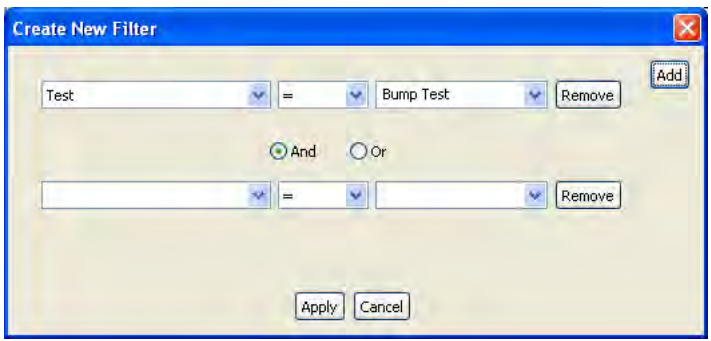
Symbol	Explanation
=	equals
contains	search for partial terms
>	greater than
<	less than
>=	greater than or equal to
<=	less than or equal to
<>	not equal to
like	search for matching terms

Note

*Use the symbol "**contains**" to search with partial terms in the Value field. Partial terms should match the data with regards to spelling and capitalization.*

*Use the symbol "**like**" to search for matching terms in the Value field.*

3. Select the Value variable from the drop down menu.
4. To add additional rules click **Add**. A blank rule displays in the Create New Filter dialog box.



Repeat steps #3-5 to create a second filter rule.

If adding additional rules, either the **And** or **Or** checkbox must be selected.

- **And**: Fleet Manager II displays only records that fulfill both rules.
- **Or**: Fleet Manager II displays records that correspond to either rule.

Note

To remove a rule from the filter, click **Remove**.

5. When satisfied with the filter, click **Apply**.
6. Fleet Manager II filters the data.

   When a filter is applied, Fleet Manager II displays at the bottom of the window how many records were filtered from the total number of records.

Figure 76. Number of Filtered Records

In the upper right hand corner, the filter name displays as **<Temporary Filter>**. Only one temporary filter can be created at a time per category.

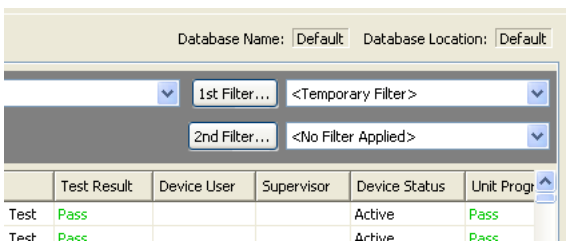


Figure 77. Unsaved Temporary Filter

7. To save the filter, refer to Saving a Filter.

Note

The temporary filter is only available in the screen where it was created.

Saving a Filter

To save a filter, complete the following:

1. Click **Filter** in the right-hand corner.
2. The Filter menu displays. Click **Modify**.

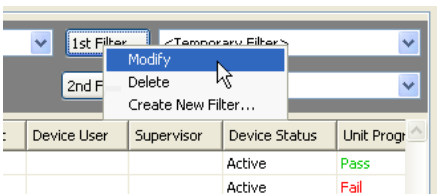


Figure 78. Filter Menu

The Create / Modify Filter dialog box displays.

3. Enter the filter name. Click **OK**.

4. The new filter name displays in the right-hand corner.

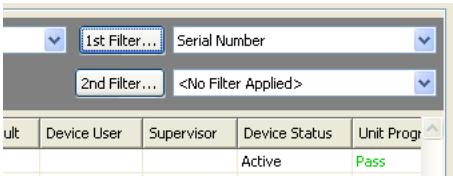


Figure 79. Saved Filter

Applying A Filter

To apply a filter, complete the following:

1. Click **Filter** in the upper right hand menu.
2. The Filter menu displays. Select a filter.

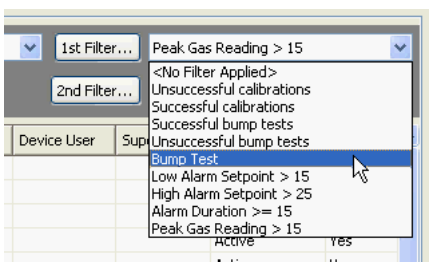


Figure 80. Selecting a Filter to Apply

3. Fleet Manager II filters the data

Using Default Filters

Default filters are available for bump test and calibration results only. To use the default filters, complete the following:

1. Click **Bump/Cal Results** below the corresponding detector.
2. Click the filter drop down menu in the right-hand corner. The default filters are listed above the user-created filters.

   The Filter menu displays.

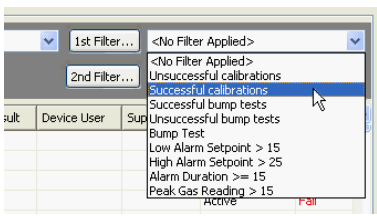


Figure 81. Selecting A Default Filter

3. Select a filter.
4. Fleet Manager II filters the data.

Deleting a Filter

To delete a filter, complete the following:

1. Click **Filter** in the right-hand corner.

   The Filter menu displays.

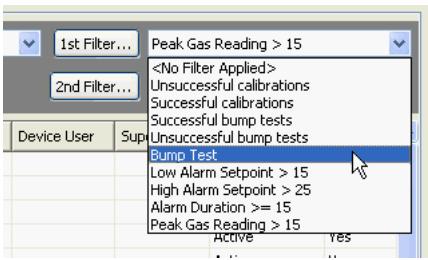


Figure 82. Selecting a Filter to Delete

2. Select a filter to delete.

   Fleet Manager II filters the data.

3. Click **Filter** and select **Delete** from the menu.

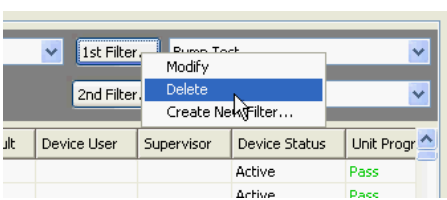
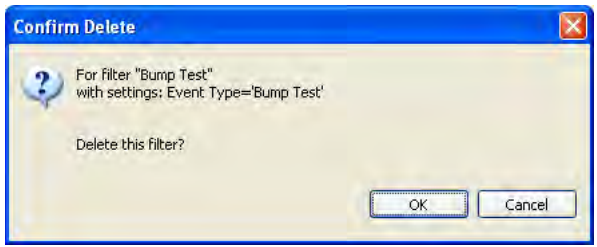


Figure 83. Filter Options

   The Confirm Delete dialog box displays.



4. Click **OK**.

   Fleet Manager II unfilters the data.

Removing Datalogs

Datalogs can only be removed when logged into the Administrative functions. Removing datalogs removes all datalogs for an individual detector or a type of detector.

If the datalogs have been archived, when the datalogs are removed they no longer appear in the Logs / Results table. The datalogs can be retrieved later. Refer to Datalog Archive. However, if the datalogs have not been archived, when the datalogs are removed, they are permanently deleted from the PC. The datalogs can be retrieved from the archive at a later date.

To remove a detector's datalogs, complete the following:

1. Login to the Administrative functions.
2. From the **Devices** toolbar, click **Logs / Results**.
3. Select the detector's datalogs to be removed.

   Ensure the detector's serial number is highlighted.

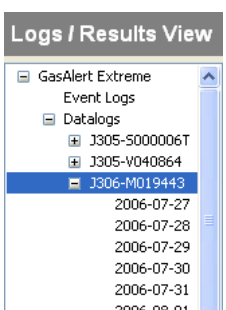


Figure 84. Highlighting a Detector's Serial Number

4. Click **Remove** in the lower left-hand corner.

Figure 85. Remove Button

The Remove Datalogs dialog box displays.

5. Select datalogs to remove. Removing datalogs is similar to archiving datalogs. For more information, refer to Archiving Datalogs.

   Click **Remove Datalogs**.

Exporting Data in Fleet Manager II

The current view of the Import Logs, Logs/Results main screen, Device Users, and MicroDock table can be exported as a CSV, HTML, or Microsoft Excel file.

To print the results, refer to Open in Excel.

Exporting the Logs/Results Main Screen View

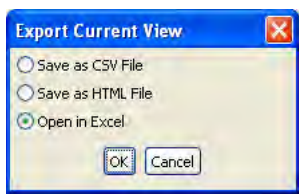
The following data from the Logs / Results main screen can be exported:

- Event logs from a type of detector
- All datalogs from an individual detector
- One day's datalogs from an individual detector
- Bump test and calibration results from a type of detector

Preparing the Data for Export

1. Organize the data view. Fleet Manager II exports the data exactly as it displays on the screen, including filters and the same number of columns. Refer to Changing the Data View.
2. When satisfied with organization of the results, click **Export** in the lower right-hand corner.

   The Export Current View dialog box displays.

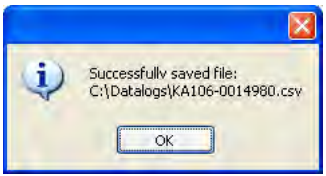


3. Select to export as a CSV file, an HTML file, or to Microsoft Excel. Refer to one of the following:
   - Save as CSV File
   - Save as HTML File
   - Open in Excel

Save as CSV File

1. Select **Save as CSV File.** Click **OK**.
2. The file browser window displays. Select a location on the PC to save the file and enter the file name. Click **Save**.

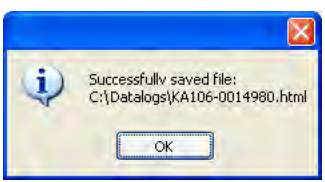
3. The following dialog box displays.



4. Click **OK**.

Save as HTML File

1. Select **Save as HTML File**. Click **OK**.
2. The file browser window displays. Select a location on the PC to save the file and enter the file name. Click **Save**.
3. The following dialog box displays.



4. Click **OK**.

Open in Excel

1. Select **Open in Excel**. Click **OK**.
2. The data displays in Microsoft Excel.

Viewing Details of Datalogs

Only GasAlertQuattro and GasAlertMax XT / GasAlertMax XT II datalogs have a Datalog Detail view.

The following information can be displayed about datalogs:

- readings
- TWA, and
- STEL.

Note

Not all sensor readings will display TWA and STEL.

More than one datalog chart can be viewed at a time to compare results.

To view a datalog chart, complete the following:

1. From the **Devices** toolbar, click **Logs / Results**.
2. Click **+** beside the desired detector. The detector expands to display the
   - event logs,
   - datalogs (if applicable), and
   - bump/cal results.

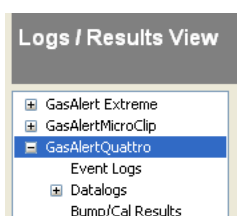


Figure 86. Expanded Detector

3. Click **+** beside Datalogs. Datalogs are further organized by an individual detector's serial number.

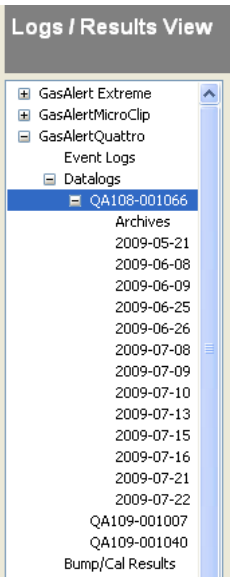
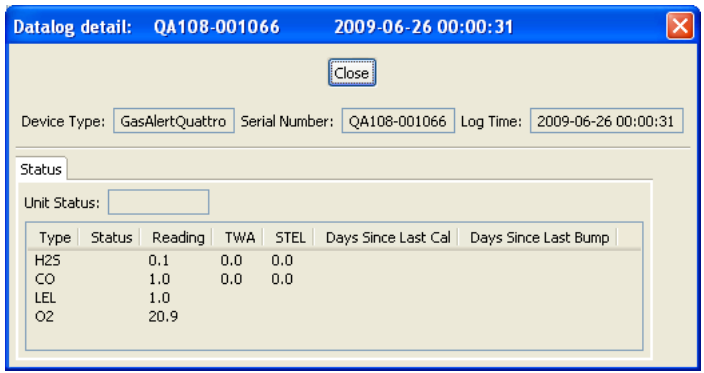


Figure 87. A Detector's Datalogs

4. Select a date from the list. In the table, double-click on an entry. The Datalog detail dialog box displays.



Viewing Details of Bump Tests and Calibrations

The following information can be displayed about bump tests and calibrations:

- detector information,
- sensors status,
- and base station setup.

More than one bump test or calibration can be viewed at a time to compare results.

A certificate of the bump test or calibration can be created from the details view.

Certificates can be customized for each test type. Click Certificate Customization. Refer to Customizing Certificates.

To view the details of a bump test or calibration, complete the following:

1. From the **Devices** toolbar, click **Logs / Results**.
2. Click **+** beside the desired detector. The detector expands to display the
   - event logs,
   - datalogs (if applicable), and
   - bump/cal results.

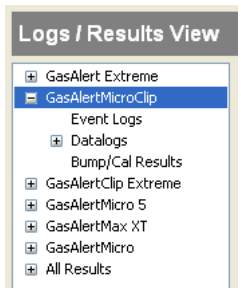


Figure 88. Expanded Detector

3. Select **Bump/Cal Results**.
4. Right click on a bump test or calibration. The context menu displays.

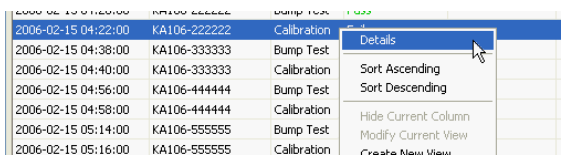


Figure 89. Selecting Details From the Context Menu

5. Click **Details**. The Test Result Details dialog box displays.

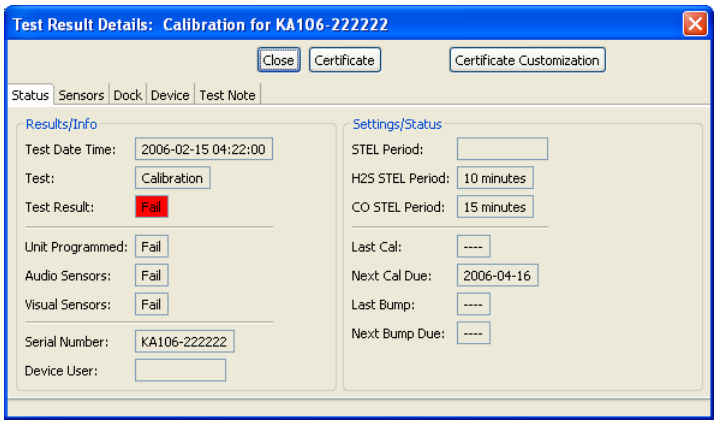


Figure 90. Test Results Details Dialog Box

6. To create a certificate, click **Certificate**.

   To customize the certificate, refer to Customizing Certificates.

7. Click through the tabs to view information about the bump test or calibration.
8. To view details of another bump test or calibration, repeat steps #1-5.
9. When finished, click **Close**.

Adding a Test Note

A note can be added for each test result. The note displays in the Bump/Cal Results table.

Open up the Test Result Details dialog box. Refer to Viewing Details of Bump Tests and Calibrations.

Under the Test Note tab, enter the note. When finished, click **Save**.

Generating Reports and Certificates

Fleet Manager II generates reports and certificates for the following:

- Status of detectors
- Bump test
- Calibration

Generating Certificates

Fleet Manager II generates certificates for calibrations or bump tests.

To customize certificates, refer to Customizing Certificates.

To generate a certificate for bump tests or calibration, complete the following:

1. From the **Devices** toolbar, click **Logs / Results**.
2. Select the type of detector.

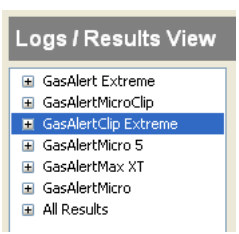


Figure 91. Selecting A Detector

3. Click **+** beside the detector to expand the list.

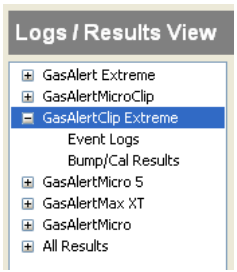


Figure 92. Detector Expanded

4. Then click **Bump/Cal Results**.
5. Select the required bump test or calibration to generate a certificate for.

Test Date Time	Serial Number	Test	Test Result
2006-02-15 04:14:00	H305-H111111	Bump Test	Pass
2006-02-15 04:32:00	H305-H111111	Bump Test	Fail
2006-02-15 04:50:00	H305-H111111	Bump Test	Pass
2006-02-15 05:08:00	H305-H111111	Bump Test	Fail

Figure 93. Selecting a Test

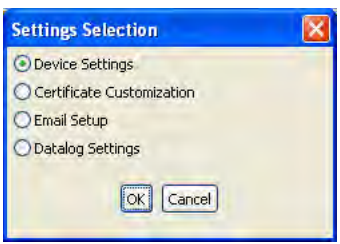
6. Click **Certificate** in the right-hand corner.

   The certificate displays in a PDF reader.

Customizing Certificates

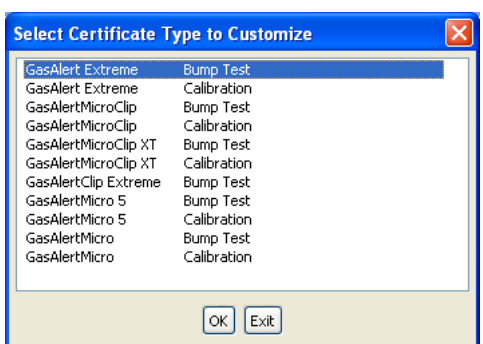
1. Login to the Administration functions.
2. From the **Administration** toolbar, click **Settings**.

   The Settings Selection dialog box displays.



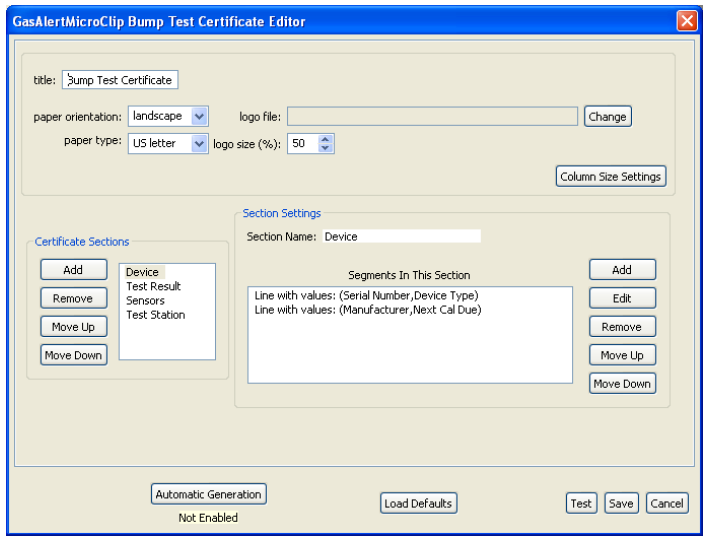
3. Select **Certificate Customization** and click **OK**.

   The Select Certificate Type to Customize dialog box displays.



4. Select a certificate to customize and click **OK**.

   The Certificate Editor dialog box displays.



Select from the following list the options that can be customized:

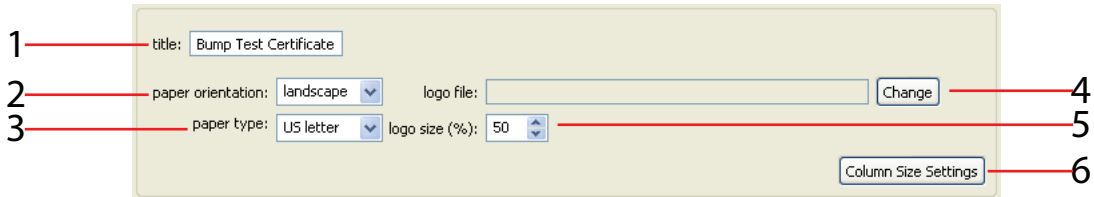
- Display Settings (title, paper orientation, paper type, logo file, logo size, and column size settings)
- Certificate Sections and Section Settings (what type of information is included)
- Automatic Certificate Generation (when the certificate is created and where it is saved)

5. To restore all settings to the default, click **Load Defaults**.

To display the certificate to confirm changes, click **Test**. The certificate displays in a PDF reader.

6. Once everything has been defined, click **Save** to save the changes.

Display Settings



Item	Part	Description
1	Report title	Enter a report title
2	Paper orientation	Select portrait or landscape orientation for the report. = portrait = landscape
3	Paper type	Select the size of the paper: Tabloid: 11 x 17 in. A3: 297 mm x 420 mm Legal: 8.25 x 11 in. A4: 210 x 297 mm Letter: 8.5 x 11 in.
4	Logo file	Select an image to place on the file. The following formats are supported: .jpg, .gif, .png, .tiff, .bmp, .wmf
5	Logo size	Select the image size. If the image file size is large, select a smaller logo size.

6. Column Size Settings

For best results, define the Column Size Settings after defining the Certificate Sections and Section Settings. Refer to Certificate Sections and Section Settings.

1. Click **Column Size Settings**.

   The Column Size Settings dialog box displays.

2. Define the width of the column. The percentages don't represent absolute widths but a percentage of the area.

   The percentages must total 100. The Current Total field adjusts dynamically when the percentages are changed.

3. When finished defining the widths, click **Done**.

Certificate Sections and Section Settings

The Certificate Sections are the grey bars in the certificate. There are default sections for bump test and calibration certificates. More sections can be added. To add a section, complete the following:

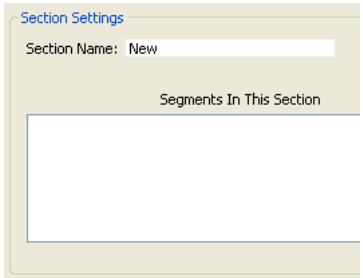
1. Under the Certificate Sections, click **Add**. The new section displays under the section that is highlighted.

   If the section does not appear in the correct location, use **Move Up** or **Move Down** to move the section to the correct position.

Table 6. Certificate Editor Buttons

Button	Description
Add	Add a new section.
Move Up	Move the selection up in the list.
Move Down	Move the selection down in the list.
Remove	Delete the section.

2. To name the new section, enter a new name in the Section Name field.



To remove a section, select the section and click **Remove**.

Adding Segments

Within each section are segments. There are three types of segments:

- Line with values
- Sensor Table
- Inlet Table with values

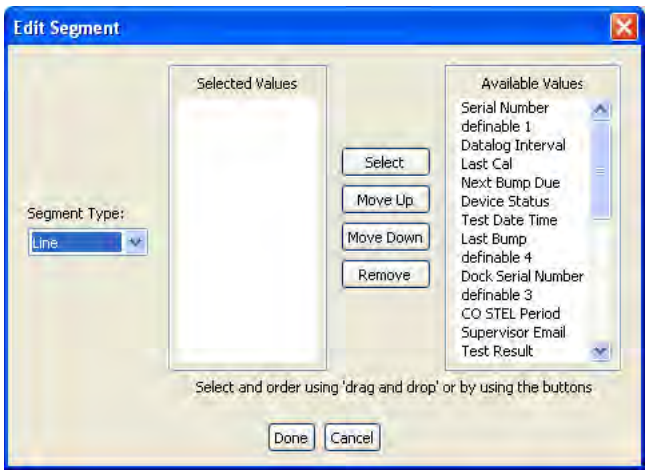
Line with values displays the values from the columns in a row, with a maximum of three values.

Sensor Table can only display sensor results from the detector.

Inlet Table can only display base station information from the bump test or calibration.

To add a segment, complete the following:

1. Under Section Settings, click **Add**. The Edit Segment dialog box displays.



2. Select the type of segment from the drop down menu.
3. Using the buttons in the box, select or remove values. The values can dragged and dropped. Refer to Figure 106.
4. When the columns have been selected, click **Done**.

   To view a sample certificate, click **Test** to ensure everything has been selected correctly.

   Proceed to Automatic Certificate Generation.

The segments in the section can also be reorganized. Refer to Table 6.

Automatic Certificate Generation

Enabling Automatic Certificate Generation places a certificate for a bump test or calibration in a selected directory. When Automatic Generation is enabled, Enabled displays in green under the button.

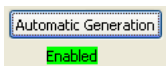
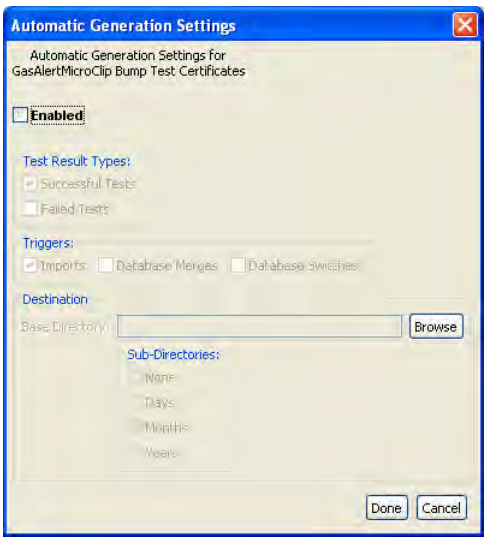


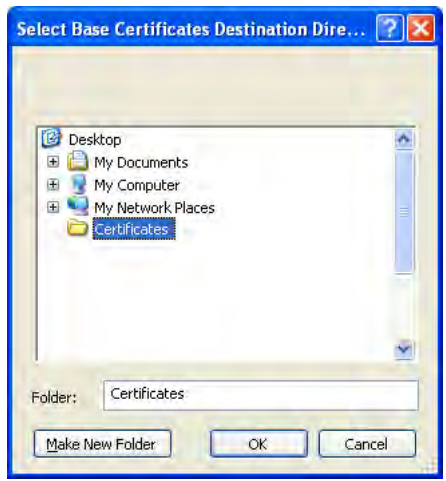
Figure 94. Automatic Certificate Generation Enabled

To define the automatic certificate generation, complete the following:

1. Select the type of certificate to customize. From the Certificate Editor dialog box, click **Automatic Generation**. The Automatic Generation Settings dialog box displays.



2. Place a check in the **Enabled** box. The greyed out fields are now editable.
3. Under the Test Result Type table, select to include successful and/or failed tests.
4. Under the Triggers table, select which events generate a certificate. All three events can be selected.
5. Under the Destination table, select a directory to place the certificate. Click **Browse**. The Select Base Certificates Destination Directory dialog box displays.



6. Select a location to save the certificate. Click **OK**. The address displays in the Base Directory field.
7. Then select how the certificates will be organized. When finished, click **Done**.

Generating Reports

There are two types of reports:

- Base reports are pre-defined reports. Settings cannot be edited.
- Custom Reports are user-defined reports. Settings can be edited. Refer to Custom Reports.

To access reports, from the **Devices** toolbar, click **Reports**.

Base reports

There are four types of base reports available.

- **Latest Test For Active Devices:** A list of the latest bump tests and/or calibrations for active detectors within a specified date interval.
- **Active Devices Not Bumped and/or Not Calibrated After Date:** A list of active detectors that have not had a bump test or calibration after a certain date.
- **Active Devices Not Bumped or Not Calibrated Within The Specified Interval:** A list of active detectors that have not had a bump test or calibration within the specified interval as of a certain date.
- **Devices With No Activity:** A list of detectors with no bump tests and/or calibrations within a specified interval.

Selecting Type of Report

Complete the following procedures to create a report.

Note

To generate a custom report, refer to Custom Reports.

1. Select the type of report from the **Available Reports** menu.

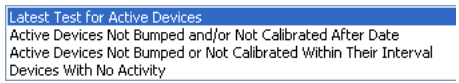

Latest Test for Active Devices
Active Devices Not Bumped and/or Not Calibrated After Date
Active Devices Not Bumped or Not Calibrated Within Their Interval
Devices With No Activity

Figure 95. Selecting Report Type

If selecting the Active Devices Not Bumped or Not Calibrated Within Their Interval report, refer to Defining Bump Test and Calibration Intervals.

Defining Bump Test and Calibration Intervals

Note

Defining the Bump Test and Calibration Interval is only required if generating an Active Devices Not Bumped or Not Calibrated Within Their Interval.

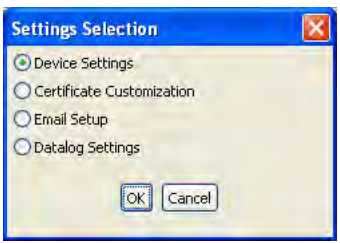
Defining the bump test and calibration intervals in **Settings** does not change the bump and test calibration intervals in **Configure Devices via Microdock** or **Configure Device via IR Link**. However, the bump test and calibration intervals in **Settings** should match the bump test and calibration intervals in **Configure Devices via Microdock** or **Configure Device via IR Link**.

Fleet Manager II uses the bump test and calibration intervals for reports to determine when the next bump test or calibration should occur. If a detector has a bump test or calibration without using a base station, Fleet Manager II will not have a record of those tests. Fleet Manager II may then indicate that a bump test or calibration is required when the detector does not require a bump test or calibration.

To define the bump test and calibration intervals, complete the following:

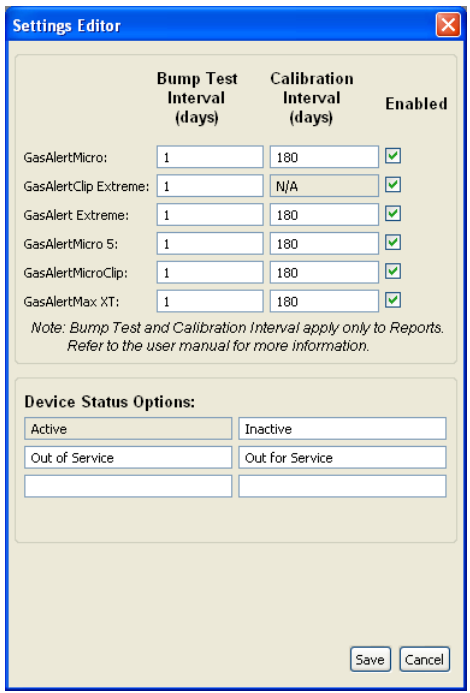
1. Login to the Administration functions.
2. From the **Administration** toolbar, click **Settings**.

   The Settings Selection dialog box displays.



3. Select **Device Settings** and click **OK**.

   The Settings Editor dialog box displays.



4. Define the **Bump Test Interval** and **Calibration Interval**.

Note

BW recommends that the detectors be calibrated once every 6 months (180 days).

If the checkbox under **Enabled** is not checked, the detector does not display in the list of detectors when generating a report.

5. To change or create a Device Status Option, refer to Creating/ Changing New Device Status Options.
6. Click **Save**.

The Device Settings Save Confirmation dialog box displays.

Selecting Type of Device

1. Select the detectors to include in the report. Click the checkbox beside the detector.

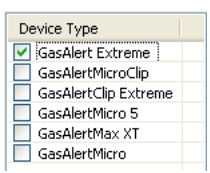


Figure 96. Selecting A Detector

Defining Dates

There are three methods to define dates for the reports.

- Drop Down Calendar Menu
- Days Ago Count
- Week/Month Definition (for Latest Test for Active Devices and Devices With No Activity reports)

Drop Down Calendar Menu

1. Click the date drop down menu to display the calendar.

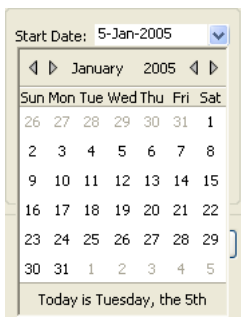


Figure 97. Date Calendar

2. Use the arrows to the left of the month to define the month. Use the arrows to the right of the year to define the year.
3. When satisfied with the start month and year, click on the date in the calendar.

Note

If the date in the calendar is not clicked, the date reverts to the previous date.

To exit the date drop down menu, click either the date in the calendar or **Today is** [day]**, the** [date].

Example: **Today is Tuesday, the 5th**. Refer to Figure 98.

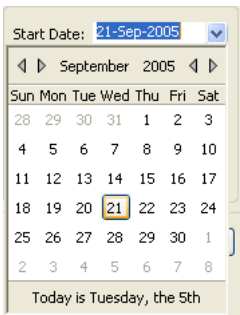


Figure 98. Selecting the Date

The selected date displays.

4. If generating a Latest Test for Active Devices or Devices With No Activity report, complete steps #1-3 to define the end date.

   Only one date is required when generating Active Devices Not Bumped and/or Not Calibrated After Date or Active Devices Not Bumped or Not Calibrated Within Their Interval.

Days Ago Count

1. Use to define the number of days ago.

   The date field changes to correspond to the Days Ago Count.

2. If generating a Latest Test for Active Devices or Devices With No Activity report, complete step #1 to define the end date.

   Only one date is required when generating Active Devices Not Bumped and/or Not Calibrated After Date or Active Devices Not Bumped or Not Calibrated Within Their Interval.

Note

Define the days ago count as **0** *to display the current date.*

Week/Month Definition

Results can also be categorized by the current week, last week, current month, and last month.

Note

Week/Month Definition is only available for Latest Test for Active Devices and Devices With No Activity reports.

Select ---------- to define the Start and End Dates manually. Refer to Drop Down Calendar Menu or Days Ago Count.

For the following definitions, refer to the following figures.

This week:

Drop Down Menu	Calendar Example
 Red = current date Blue = Date range	June S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Figure 99. This Week

Includes data from the most recent Sunday to the current date.

Example: Today's date is Thursday, June 15. The Start Date would be Sunday, June 11 and End Date would be Thursday, June 15.

Last week:

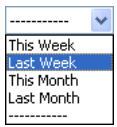
Drop Down Menu	Calendar Example
 Red = current date Blue = Date range	June S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Figure 100. Last Week

Includes data from the previous week, Sunday to Saturday inclusive.

Example: Today's date is Thursday, June 15. The previous week is Sunday, June 4 to Saturday, June 10.

This month:

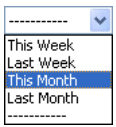
Drop Down Menu	Calendar Example
 Red = current date Blue = Date range	June S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Figure 101. This Month

Includes data from the first of the month to the current date.

Example: Today's date is Thursday, June 15. Selecting This Month includes data from June 1 to June 15.

Last month:

Drop Down Menu	Calendar Example
 Red = current date Blue = Date range	May S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Red = current date Blue = Date range

Figure 102. Last Month

Includes data from the previous month.

Example: Today's date is Thursday, June 15. Selecting Last Month includes data from May 1 to May 31.

Selecting Type of Test

3. Select which tests to include in the report.

   The report can include bump tests only, calibrations only, or both bump tests and calibrations.

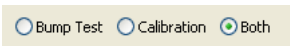


Figure 103. Test Selection

Note

For Active Devices Not Bumped or Not Calibrated Within Their Interval only Bump Test or Calibration can be selected.

Selecting Type of Output

4. Click **Generate Report** to create a PDF report or click **Export Data to Excel** to display the data in Microsoft Excel for editing.

Figure 104. Selecting An Application To Display Report

   The report displays.

Custom Reports

Custom reports are user-defined reports for bump tests and calibrations. Reports display as PDFs or in Microsoft Excel. Refer to Figure 105., Table 7., and Table 8. Different features are available when base reports are used as a foundation for custom reports.

Custom reports can also be emailed or saved in a directory on a regular schedule. Refer to Scheduling Report Delivery. Before scheduling reports, the email address must be configured. Refer to Configuring Email Address.

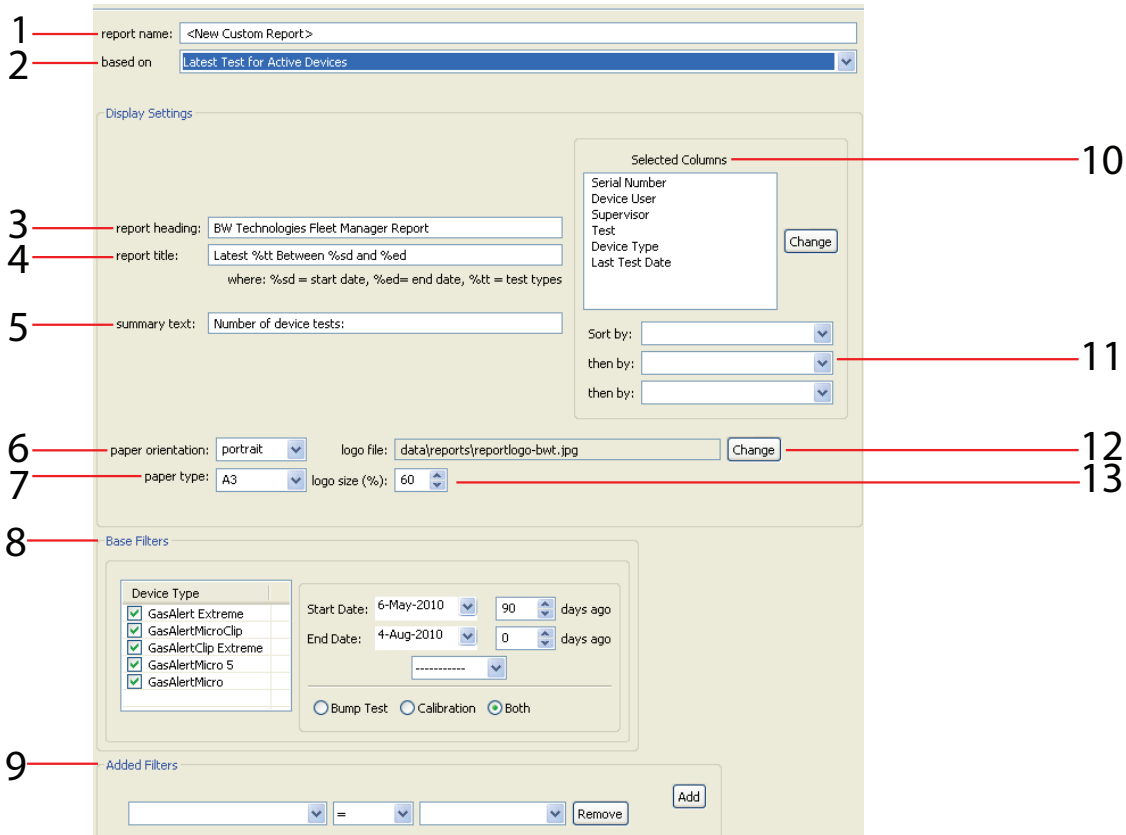


Figure 105. Custom Report Parts

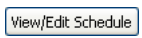
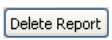
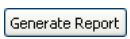
The table below explains the different features available in a custom report depending on whether a base report is used or not.

Table 7. Parts of the Custom Report

Item	Part	Base report used	No base report
1	Report name	Enter a report name. Fleet Manager II saves the report settings under this name. This is not the report title.	
2	Based on	Select a base report. The base report selection decides which base filters display. Refer to Generating Reports.	Select **<None>** to create a report from a blank form.
3	Report heading	Enter a report title. Enter **/n** to begin a new line.	
4	Report title	A default title automatically displays after selecting a base report. Enter **/n** to begin a new line. For more information about the report title, refer to Report Title.	To enter a report title using the variables, refer to Report Title. Enter **/n** to begin a new line.
5	Summary text	This text describes the number of tests found. The summary text displays at the end of the report. Enter **/n** to begin a new line.	
6	Paper orientation	Select portrait or landscape orientation for the report. ☐ = portrait ☐ = landscape	
7	Paper type	Select the size of the paper: Letter: 8.5 x 11 in. A3: 297 mm x 420 mm Tabloid: 11 x 17 in. A4: 210 x 297 mm Legal: 8.25 x 11 in.	
8	Base Filters	If selecting a base report, refer to Selecting Type of Device, Defining Dates, and Selecting Type of Test.	The base filters do not display. To filter the results, use the added filters below.
9	Added Filters	Custom filters can be added to the report. Refer to Creating a filter rule for more information.	

Item	Part	Base report used	No base report
10	Selected Columns	A default list of columns displays. To modify the list, refer to Modifying Selected Columns.	To add columns to the list, refer to Modifying Selected Columns. Columns must be added to the list or the report does not generate or save.
111	Column Sort	Sort the results by the information in the columns.	
12	Logo file	Select an image to place on the file. The following formats are supported: .jpg, .gif, .png, .tiff, .bmp, .wmf	
13	Logo size (%)	Select the image size. If the image file size is large, select a smaller logo size.	

Table 8.Custom Report Dialog Box Buttons

Button	Description
	Define how often a custom report is generated and then emailed or saved to a file directory. Refer to Scheduling Report Delivery.
	Delete the custom report. A custom report can only be deleted if logged into the Administration functions.
	Generate the report as a PDF. Use this button to preview changes to the report like logo size or paper orientation.
	Generate the report as a Microsoft Excel file.
	Save the report settings. A custom report can only be saved if logged into the Administration functions.

Creating a Custom Report

1. From the **Devices** toolbar, click **Reports**.
2. Click **Custom Reports**.

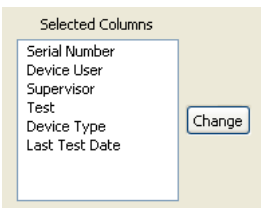
   The Select Custom Report dialog box displays.
3. Select **<New Custom Report>** and click **Edit**.

   The Create/Edit Custom Report dialog box displays.

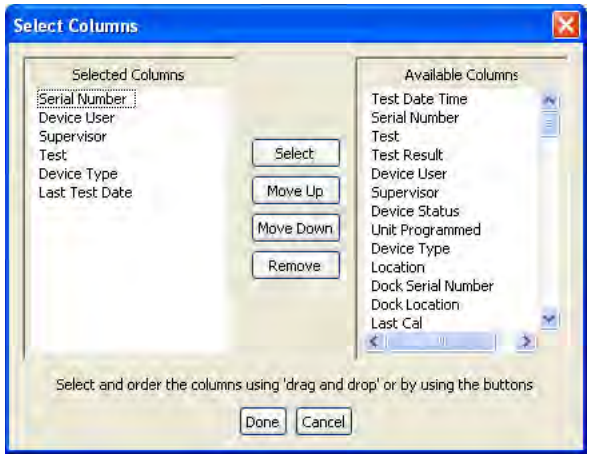
Modifying Selected Columns

To modify the selected columns, complete the following procedure:

1. Click **Change** beside the Selected Columns box.



The Select Columns dialog box displays.



2. Using the buttons in the box, select or remove columns.

Button	Description
Select	Move a selection from Available Columns to Selected Columns.
Move Up	Move the selection up in the list.
Move Down	Move the selection down in the list.
Remove	Move a selection from the Selected Columns to the Available Columns.

Or

Drag the column title from the Available Columns table to the Selected Columns table. Refer to Figure 106.

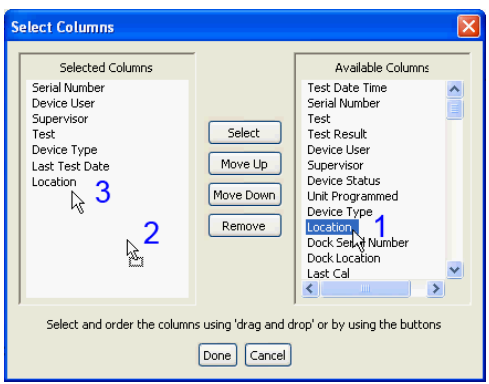


Figure 106. Dragging Columns

When the columns have been selected, click **Done**.

Report Title

Use the variables in the title to represent the actual values.

Variable	Description
%sd	Start date. Defined in the base filters.
%ed	End date. Defined in the base filters.
%tt	Test types. Defined in the base filters.

Scheduling Report Delivery

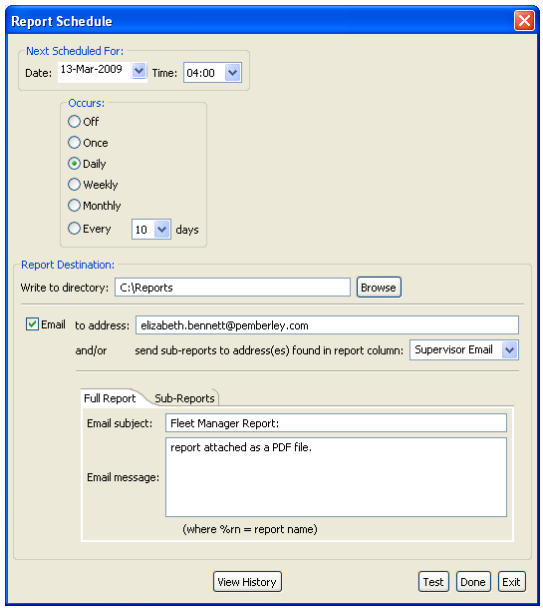
To display the next report delivery date, click **Custom Reports** and look under the Schedule column in the Select Custom Report dialog box.

To view a history of scheduled reports, click **View History** at the bottom of the Report Schedule dialog box. A text file displays the

- date,
- type (scheduled or test),
- where the report was saved, and/or
- where the report was emailed.

1. Click **View/Edit Schedule** in the Create/Edit Custom Report dialog box.

2. The Report Schedule dialog box displays.



3. Click the date drop down menu to display the calendar.

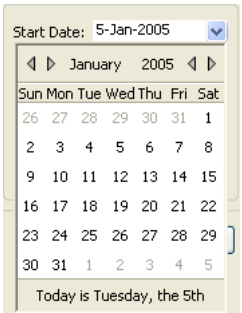


Figure 107. Date Calendar

4. Use the arrows to the left of the month to define the month. Use the arrows to the right of the year to define the year.
5. When satisfied with the start month and year, click on the date in the calendar.

Note

If the date in the calendar is not clicked, the date reverts to the previous date.

To exit the date drop down menu, click either the date in the calendar or **Today is** [day]**, the** [date]*.*

Example: **Today is Tuesday, the 5th**. Refer to Figure 108.

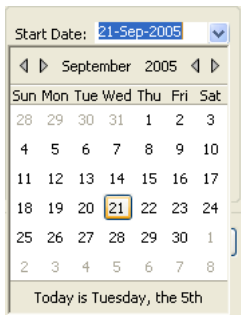


Figure 108. Selecting the Date

The selected date displays.

6. Define at what time the report is delivered. Use the Time drop down menu to select a time.

Note

The Time drop down menu uses the 24 hour clock.

7. Define how often the report is delivered.

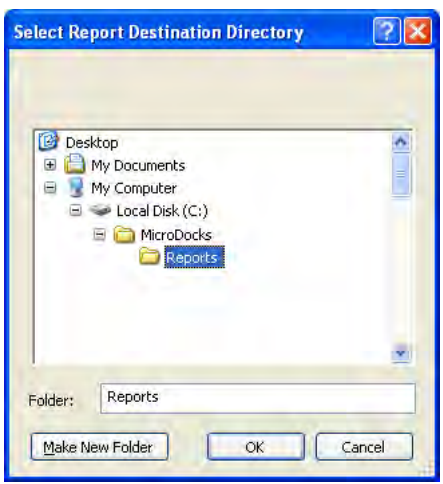
   Select from **Once**, **Daily**, **Weekly**, or **Monthly**.

   Or

   Use the drop down menu to select an period of **1**-**90** days.

8. Select a location to save the report.

   Click **Browse**. The Select Report Destination Directory dialog box displays.



9. Browse to the folder where reports will be saved and click **OK**.
10. The address will display in the Write to directory field. If not emailing the report, proceed to step #12. To email the report, proceed to step #11.
11. The report can also be emailed. Separate each email address with a semicolon.

    Sub-reports contain a portion of the full report. The content of sub-reports are determined by which entries contain a certain User Email, Supervisor Email, or definable category. Sub-reports can be sent to email addresses found in the User Email, Supervisor Email, or definable categories for that detector type. Refer to Editing an Existing Device User.

    A different subject and message can be entered for the report and sub-report. Use %rn to represent the report name.

12. To ensure the reports are being saved in the right directory and emailed correctly, click **Test**.

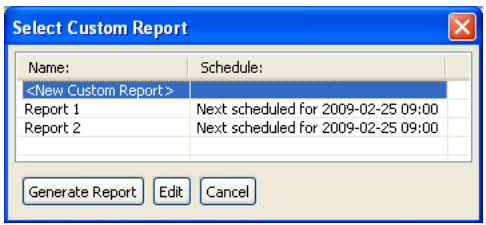
    Two dialog boxes display to confirm the reports were saved and emailed.

13. Ensure the correct email account received the email.
14. When satisfied with the settings, click **Done** to save the settings and return to the Create/Edit Custom Report dialog box.

Note

Click Exit to erase all custom data and close the dialog box. The settings will not be saved.

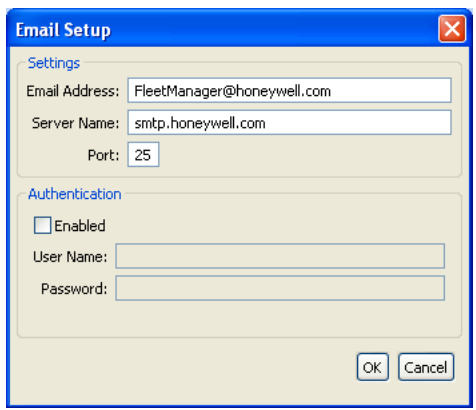
15. To display the next report delivery date, click **Custom Reports** and look under the Schedule column in the Select Custom Report dialog box.



Configuring Email Address

This email address is the address that sends the reports. Ask your IT department if you are unsure about the information required to configure the sending email address.

1. Login to the Administration functions.
2. From the Administration toolbar, click **Settings**. The Settings Selection dialog box displays. Select **Email Setup**.
3. Click **OK**. The Email Setup dialog box displays.



4. The Email Address field can contain any email address. This is the email address that the report appears from.

   To obtain information for the Server Name, Port, User Name, and Password fields, contact your IT department.

5. When finished, click **OK**.

Saving a Custom Report

Note

Before saving a report, click **Generate Report** *to display a PDF of the report. Use the PDF to verify report settings are correct.*

To save a Custom Report, complete the following.

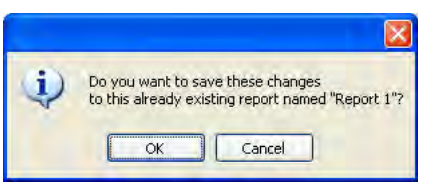
1. Ensure a name is entered in the report name field.

   If saving an existing report that has been edited,

   - do not change the existing name to save over the previous report settings, and
   - enter a new name to create a new report setting.

2. Click **Save Report Settings**.
3. If saving the report with a new name, proceed to step #4.

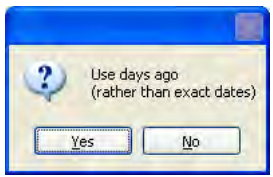
   If saving the report with the same name as an existing report, the following dialog box displays.



   Click **OK** to save over the existing report.

   Or, click **Cancel** to enter a new name. Proceed to step #2.

4. The following dialog box displays.



   Click **Yes** and Fleet Manager II calculates days ago from the current date. The days ago range moves according to the current date

   Example: Days ago is defined as 10 days. Current date is June 15. Days ago includes June 4 to June 14.

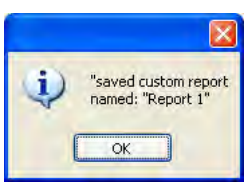
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Generate a report on June 22, days ago is defined as 10 days. Days ago includes June 12 to June 21.

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Click **No** and Fleet Manager II uses the date the report was saved.The days ago count increases as time progresses.

5. Click **OK**. The following dialog box displays.

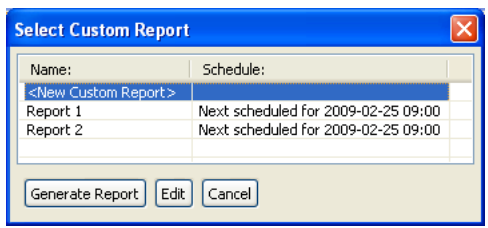


Generating a Custom Report

To generate a custom report, complete the following:

1. From the **Devices** toolbar, click **Reports**.
2. Click **Custom Reports**.

   The Select Custom Report dialog box displays.



3. Select the report to generate and click **Generate Report**.
4. The report displays in a PDF reader.

A custom report can also be generated from the Create/Edit Custom Report dialog box by clicking **Generate Report** at the bottom of the dialog box.

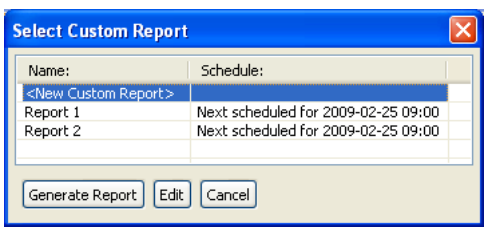
Editing a Custom Report

A custom report may be edited and generated by all users but changes cannot be saved unless signed into the Administration functions. To sign into the Administration functions, refer to Login/Logout of the Administration Functions.

To edit a custom report, complete the following.

1. From the **Devices** toolbar, click **Reports**.
2. Click Custom Reports.

   The Select Custom Report dialog box displays.



   Select the report to generate and click **Edit**.

   The Create/Edit Custom Report dialog box displays.

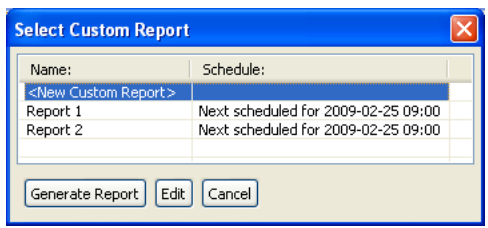
To generate that report, refer to Generating a Custom Report.

Deleting a Custom Report

To delete a custom report, complete the following.

1. From the **Devices** toolbar, click **Reports**.
2. Click **Custom Reports**.

   The Select Custom Report dialog box displays.

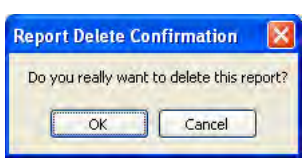


3. Select the report to delete and click **Edit**.

   The Create/Edit Custom Report dialog box displays.

4. At the bottom of the dialog box click, **Delete Report**.

   The Report Delete Confirmation dialog box displays to confirm the deletion.



5. Click **OK**.

   The report name does not display in the Select Custom Report dialog box.

Configuring Detectors

To configure detectors, login to the Administration functions.

Fleet Manager II can configure detectors with the IR Link (GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, and GasAlertQuattro) or with configuration files from a connected base station, existing configuration files on the PC hard drive, or a default configuration file.

- Refer to Configuring Detectors with the IR Link (GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II and GasAlertQuattro only)
- Refer to Configuring Detectors With a Configuration File From a MicroDock II
- Refer to Configuring Devices From a Configuration File Saved on a PC
- Refer to Configuring Devices From Default Settings

To configure the detectors, save the configuration file to the base station. The detector configuration updates when a bump test or calibration is initiated. Refer to Save to MicroDock II.

Configuring Detectors with the IR Link (GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II and GasAlertQuattro only)

To configure the GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, and GasAlertQuattro with the IR Link, ensure the USB driver have been installed. Refer to Installing the USB Driver.

To configure the GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, and GasAlertQuattro with the IR Link, complete the following:

1. Activate the detector and wait for the startup tests to complete.
2. Connect the USB cable to the USB port on the PC.
3. Connect the USB cable to the IR Link.
4. Insert the IR Link into the IR interface on the back of the detector.
5. Login to the Administration functions.
6. From the **Devices** toolbar, click **Configure Device via IR Link** to access the detector configuration dialog box.
7. From the configuration dialog box, click **Retrieve from Device** at the bottom of the dialog box. The current detector configuration displays.

   To configure the GasAlertMicroClip / GasAlertMicroClip XT, refer to GasAlertMicroClip / GasAlertMicroClip XT Configuration Options.

   To configure the GasAlertMax XT / GasAlertMax XT II, refer to GasAlertMax XT / GasAlertMax XT II Configuration Options.

   To configure the GasAlertQuattro, refer to GasAlertQuattro Configuration Options.

8. When all the settings are defined, click **Save to Device** at the bottom of the configuration window to save the configuration to the detector. The following dialog box displays.

Saving Configuration Files

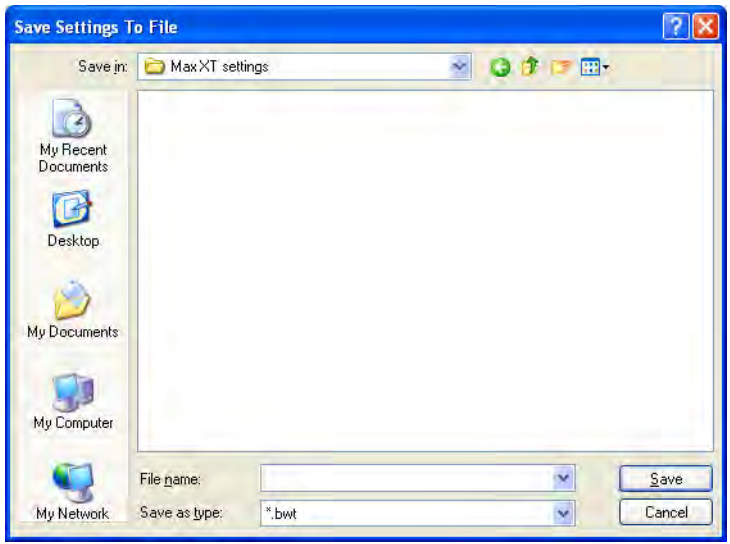
Detector configurations can be saved to the PC to quickly configure many detectors for different areas.

To save detector configuration, complete the following:

1. From the **Devices** toolbar, click **Configure Device via IR Link** to access the detector configuration window.
2. Set up the detector configuration.

   Or

   If saving the detector configuration from a connected detector, click **Retrieve From Device**. The connected detector's configuration displays.
3. Click **Save To File**. The file browser displays.



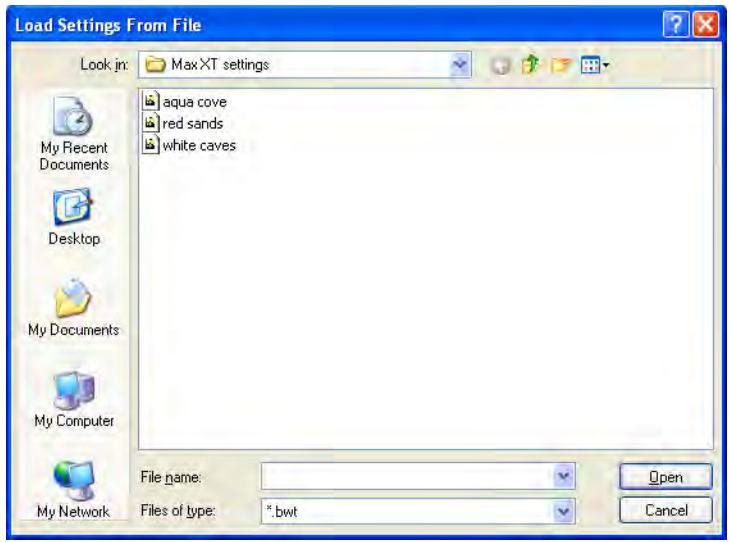
4. Enter a name in the File Name field and click **Save**. The following dialog box displays.

5. Click **OK**.

Configuring the Detector with Saved Configuration Files

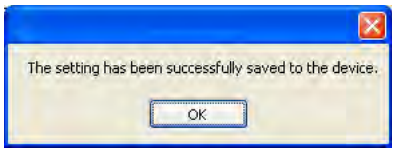
To configure the detector with configuration files from the PC, complete the following:

1. Activate the detector and wait for the startup tests to complete.
2. Connect the USB cable to the USB port on the PC.
3. Connect the USB cable to the IR Link.
4. Insert the IR Link into the IR interface on the back of the detector.
5. Login to the Administration functions.
6. From the **Devices** toolbar, click **Configure Device via IR Link** to access the detector configuration dialog box.
7. Click **Load From File**. The file browser displays.



8. Select the configuration file. Click **Open**. The detector configuration displays.

9. Click **Save to Device** at the bottom of the configuration window to save the configuration to the detector. The following dialog box displays.



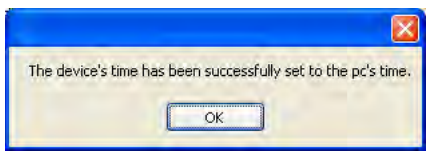
Setting the Detector's Clock

The GasAlertMax XT / GasAlertMax XT II and GasAlertQuattro's clock, including the year, month, and date, can be updated to match the PC's clock.

To match the detector's clock to the PC's clock, complete the following:

1. Activate the detector and wait for the startup tests to complete.
2. Connect the USB cable to the USB port on the PC.
3. Connect the USB cable to the IR Link.
4. Insert the IR Link into the IR interface on the back of the detector.
5. Login to the Administration functions.
6. From the **Devices** toolbar, click **Configure Device via IR Link** to access the detector configuration dialog box.
7. From the configuration window, click **Retrieve from Device** at the bottom of the dialog box. The connected detector configuration displays.
8. Click **Set Device Time** at the bottom of the dialog box. The following dialog box displays.

9. Click **Yes**. The following dialog box displays.

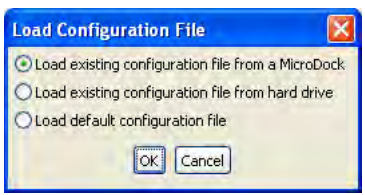


10. Click **OK**.

Configuring Detectors With a Configuration File From a MicroDock II

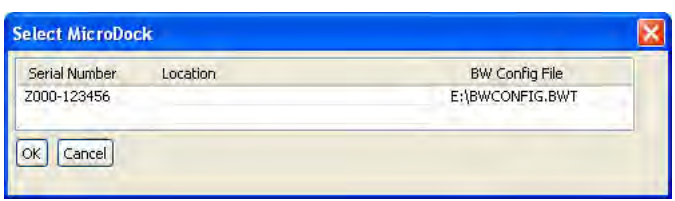
1. Login to the Administration functions.
2. From the **Devices** toolbar, click **Configure Devices via MicroDock**.

   The Load Configuration File dialog box displays.



3. Select **Load existing configuration file from a MicroDock**. Click **OK**.

   The Select MicroDock dialog box displays.



4. Select which base station to load the configuration file from. Click **OK**.
5. The Device Configuration dialog box displays. Select a device to configure. Refer to the individual detector sections to configure.
   - GasAlertQuattro Configuration Options
   - GasAlertMax XT / GasAlertMax XT II Configuration Options
   - GasAlertMicroClip / GasAlertMicroClip XT Configuration Options
   - GasAlertMicro 5/PID/IR Configuration Options
   - GasAlertMicro Configuration Options
   - GasAlert Extreme Configuration Options
6. Save the device configuration. Refer to Saving Detector Configurations.

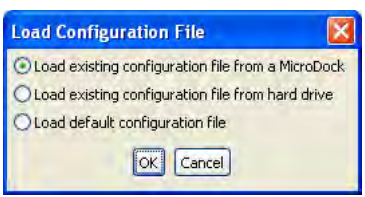
Configuring Devices From a Configuration File Saved on a PC

Note

Detector configuration files created with Fleet Manager I can be used in Fleet Manager II.

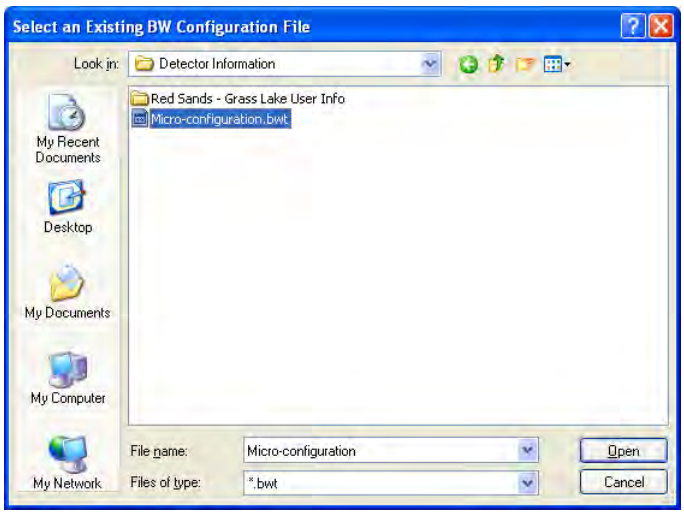
1. Login to the Administration functions.
2. From the **Devices** toolbar, click **Configure Devices via MicroDock**.

   The Load Configuration File dialog box displays.



3. Select **Load existing configuration file from hard drive.** Click **OK**.
4. The file browser window displays. Select a configuration file.

   All configuration files end in the file extension **.bwt**.



5. Click **Open**.
6. The Device Configuration dialog box displays. Select which device to configure. Refer to the individual detector.
   - GasAlertQuattro Configuration Options
   - GasAlertMax XT / GasAlertMax XT II Configuration Options
   - GasAlertMicroClip / GasAlertMicroClip XT Configuration Options

- GasAlertMicro 5/PID/IR Configuration Options
- GasAlertMicro Configuration Options
- GasAlert Extreme Configuration Options

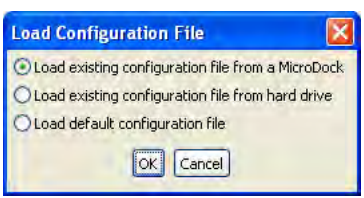
7. Save the device configuration. Refer to Saving Detector Configurations.

Configuring Devices From Default Settings

To configure devices from the default settings, complete the following:

1. Login to the Administration functions.
2. From the **Devices** toolbar, click **Configure Devices via MicroDock**.

   The Load Configuration File dialog box displays.



3. Select **Load default configuration file**.
4. The Device Configuration dialog box displays. Select a device to configure. Refer to the individual detector sections.
   - GasAlertQuattro Configuration Options
   - GasAlertMax XT / GasAlertMax XT II Configuration Options
   - GasAlertMicroClip / GasAlertMicroClip XT Configuration Options
   - GasAlertMicro 5/PID/IR Configuration Options
   - GasAlertMicro Configuration Options
   - GasAlert Extreme Configuration Options
5. Save the device configuration. Refer to Saving Detector Configurations.

Saving Detector Configurations

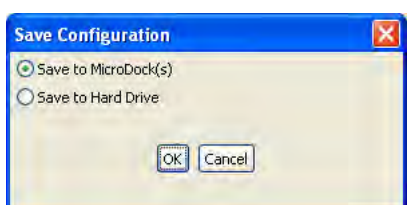
Detector configurations can be saved to the PC hard drive or to a connected base station.

To configure the detectors, save the configuration file to the base station. For more information, refer to Configuring the Detector.

To save the detector configuration, complete the following:

1. From the Device Configuration dialog box, click **Save** in the lower left-hand corner.

   The Save Configuration dialog box displays.



2. Select either **Save to MicroDock(s)** or **Save to Hard Drive**.
   - Refer to Save to MicroDock II

- Refer to Save to Hard Drive

Save to MicroDock II

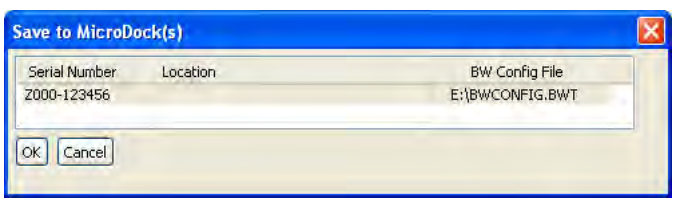
Use this save option to configure the detectors. For more information, refer to Configuring the Detector.

Note

Detector configurations cannot be saved to the base station while the base station is running bump tests or calibrations.

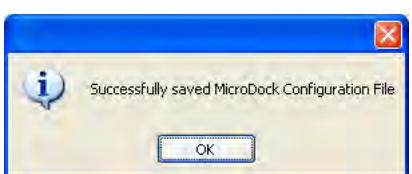
1. Select **Save to MicroDock(s)**. Click **OK**.

   The Save to MicroDock(s) dialog box displays.



2. Select which base station to save to and click **OK**.

   The following dialog box displays.



3. Click **OK**.

Configuring the Detector

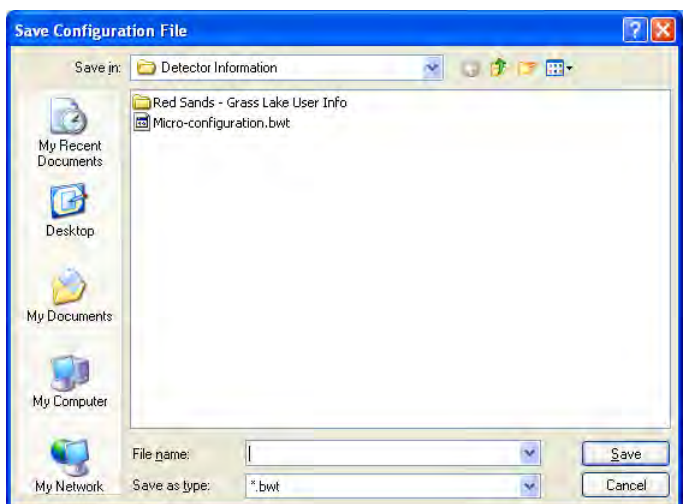
To configure the detectors, save the detector configuration file to base station.

The detector configuration updates when the detector is inserted into the docking module and a bump test or calibration is initiated. For more information, refer to the _MicroDock II User Manual_.

Save to Hard Drive

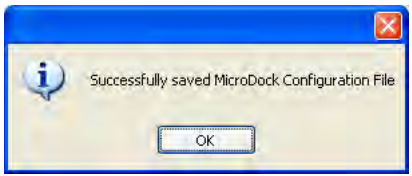
1. Select **Save to Hard Drive**. Click **OK**.

   The file browser window displays.



2. Enter a file name and click **Save**.

   The following dialog box displays.



3. Click **OK**.

GasAlertQuattro Configuration Options

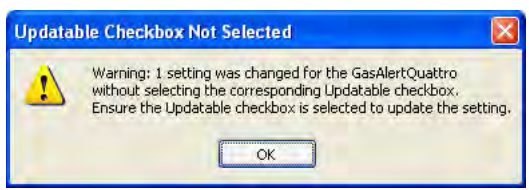
For more information on the detector's user options and configuration, refer to the _GasAlertQuattro Technical Reference Guide_.

If using the IR Link to configure the GasAlertQuattro, click **Configure Device via IR Link** from the **Devices** toolbar.

If using the base station to configure the GasAlertQuattro,

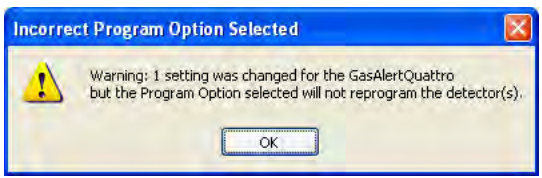
- Click **Configure Devices via MicroDock** from the **Devices** toolbar.
- If changing an option in **Device Configuration** or **Sensor Configuration**, the Updatable box for an option must be checked.

  If the Updatable checkbox is not checked, the Updatable Checkbox(es) Not Selected dialog box displays.


Updatable Checkbox Not Selected
Warning: 1 setting was changed for the GasAlertQuattro without selecting the corresponding Updatable checkbox. Ensure the Updatable checkbox is selected to update the setting.
OK

- A program option that updates the detector configuration must be selected.

  If saving an updated device configuration and neither reprogram option has been selected, the Incorrect Program Option Selected dialog box displays.


Incorrect Program Option Selected
Warning: 1 setting was changed for the GasAlertQuattro
but the Program Option selected will not reprogram the detector(s).
OK

Device Configuration

Note

The GasAlertQuattro can be configured with the IR Link or the base station.

Figure 109. displays the options available when configuring the GasAlertQuattro with the base station.

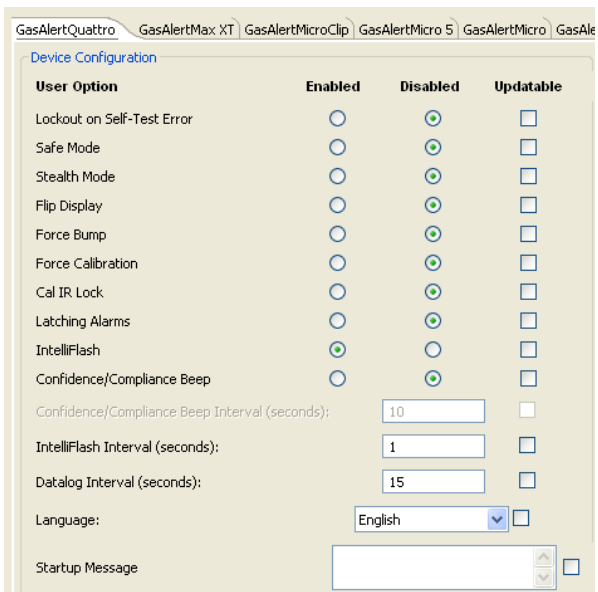


Figure 109. GasAlertQuattro Device Configuration via MicroDock II

Figure 110. displays the options available when configuring the GasAlertQuattro with the IR Link.

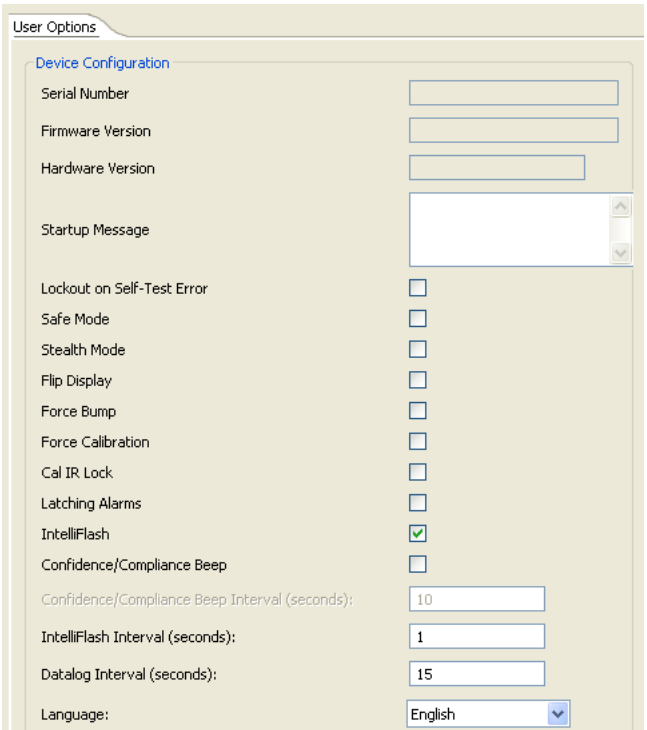


Figure 110. GasAlertQuattro Device Configuration via IR Link

Note

The device configuration will vary for each user.

The Device Configuration table defines settings for the user options.

Enabled/Disabled: Click the checkbox to enable/disable the option.

Updatable: Click the checkbox to ensure the user option is changed during a base station bump test or calibration. For configuring the detector with the base station only.

Note

Updatable only applies if configuring the GasAlertQuattro with the base station.

When a change is made to a setting or Updatable status, the checkbox is highlighted in red. When a setting or Updatable status returns to its original value, the checkbox will no longer be highlighted.

Figure 111. Changed Setting

Figure 112. Original Setting

- **Serial Number:** This field displays the serial number (e.g. QA109-001000) of the detector. The serial number can only be viewed in **Configure Device via IR Link**. The serial number cannot be changed.
- **Firmware Version:** This field displays the current firmware version (e.g. 02_000) that displays on the detector LCD during the startup tests. If new firmware is uploaded to the detector, the **Firmware**

Version field automatically updates. The firmware version can only be viewed in **Configure Device via IR Link**.

- **Hardware Version:** This field displays the current version of hardware the detector is operating with. The hardware version can only be viewed in **Configure Device via IR Link**.
- **Startup Message:** Enter a line of text to display on the detector LCD during startup (maximum 50 characters, spaces included). Enter any type of information such as employee name, plant, area, emergency number(s), etc.

  Characters used in French, German, Portuguese, and Spanish are supported.

  To make a line break to force text to the next line, press the | (pipe or vertical bar) key.
- **Lockout on Self-Test Error:** When enabled, if a sensor fails the startup sensor self-test, **Sensor Self Test Error Lockout Enabled** displays on the LCD and the detector deactivates.
- **Safe Mode:** When enabled, **SAFE** displays continuously on the LCD unless an alarm condition occurs.
- **Stealth Mode:** When enabled, the backlight, LEDs, and audible alarms are disabled. Only the vibrator alarm and LCD activate during an alarm.
- **Flip Display:** When enabled, The detector can display screens at 0° (upright) or 180° (upside down), depending upon how the detector is worn by the worker. If the Flip Display option is enabled, the LCD is viewed at 180° (upside down).

Note

After enabling Flip Display in Fleet Manager II, the detector must be deactivated and reactivated.

- **Force Bump:** When enabled, a sensor overdue for a bump test must have a bump test performed or the detector deactivates. To define how often a bump test must be performed (**0**-**365** days), refer to Bump Interval (days).
- **Force Calibration:** When enabled, a sensor overdue for calibration must be calibrated or the detector deactivates. To define how often a calibration must be performed (**0**-**365** days), refer to Calibration Interval (days).
- **Cal IR Lock:** When enabled, the sensors can only be calibrated using the IR Link with Fleet Manager II or the MicroDock II station. Refer to Calibrating the Detector Using the IR Link or the *MicroDock II Base Station User Manual*.
- **Latching Alarms:** When enabled, an alarm persists until the alarm is acknowledged by pressing ◯ and the gas concentrations are below the alarm setpoint.
- **IntelliFlash:** When enabled, the green LED flashes to provide continuous visual confirmation that the detector is operating correctly.

  IntelliFlash automatically deactivates during a low battery alarm, a self-test fail, a calibration fail, a bump test fail, and during an alarm event. To define how often IntelliFlash occurs (**1**-**60** seconds), refer to IntelliFlash Interval. IntelliFlash is enabled by default and the default interval is 5 seconds.
- **Confidence/Compliance Beep**: When enabled, the confidence beep provides continuous confirmation that the detector is operating correctly. To define how often the flash occurs (**1**-**120** seconds), refer to Confidence/Compliance Beep Interval (seconds). Default setting is 10 seconds.
- **Confidence/Compliance Beep Interval (seconds):** Enter a value (**1**-**120** seconds) to define how often the detector beeps. Confi-

dence Beep must be enabled in order to define Confidence/Compliance Beep Interval.

- **IntelliFlash Interval (seconds):** Enter a value (**1**-**120** seconds) to define how often IntelliFlash occurs. Default interval is 5 seconds.
- **Datalog Interval (seconds):** Enter a value (**1**-**120** seconds) to define how often a datalog is recorded.
- **Language:** Select which language the LCD displays. The available languages are: **English**, **French** (Français), **German** (Deutsch), **Spanish** (Español), and **Portuguese** (Português).

Sensor Configuration

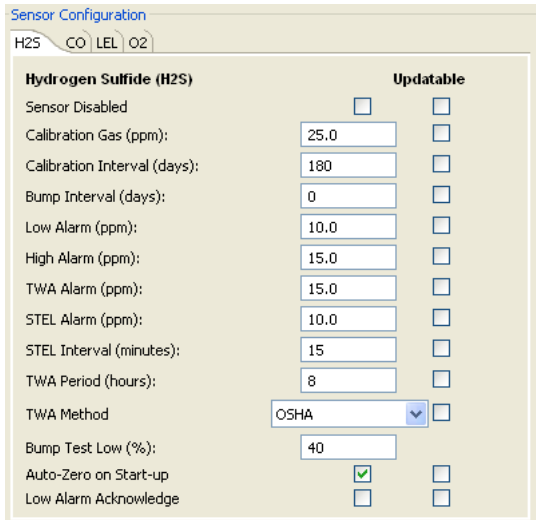


Figure 113. GasAlertQuattro Sensor Configuration

Note

Sensor configuration will vary for each user.

- **Sensor Disabled:** To disable a sensor, ensure a check displays in the checkbox.

⚠ Warning

Use extreme caution when disabling a sensor. The disabled sensor cannot detect and alarm against the applicable gas.

- **Calibration Gas (ppm) / (%LEL) / (%O2):** Enter a value to define the calibration gas concentration. Ensure gas concentration matches the concentration on the gas cylinder. Refer to the *GasAlertQuattro Technical Reference Guide* for more information.
- **Calibration Interval (days):** Enter a value (**0**-**365** days) to define how often a calibration must be performed (**0** = disabled). A different calibration interval can be defined for each sensor.

Note

BW recommends a calibration once every 6 months (180 days).

- **Bump Interval (days):** Enter a value (**0**-**365** days) to define how often a bump test must be performed. A different bump interval can defined for each sensor.

Note

BW recommends that a bump test be performed once every 24 hours prior to the work shift.

- **Low Alarm (ppm) / (%LEL) / (%O2):** Enter a value to define the low alarm setpoint (**0** = disabled).
- **High Alarm (ppm) / (%LEL) / (%O2)**: Enter a value to define the high alarm setpoint (**0** = disabled).
- **LEL Correction Factor:** Enter a compensation factor (**0.50**-**4.00**) for hydrocarbons other than methane. The factor can only be applied if the LEL sensor has been calibrated with methane.

⚠ Caution

Ensure the calculations are correct for the applicable gas to ensure the reading display as 100% LEL.

- **50% LEL = (%CH4):** If the LEL By Volume CH4 is enabled, a percentage value can be entered in the **50% LEL = (%CH4)** field to display the LEL reading in %vol., assuming a methane environment.

  The equivalent methane concentration for 50% LEL as follows:
  - North America = 2.5%
  - Europe = 2.2%
- **TWA Alarm (ppm):** Enter a value to define the ppm level for the time-weighted average (TWA) alarm setpoint (**0** = disabled). For toxic sensors only.
- **STEL Alarm (ppm):** Enter a value to define the ppm level for the short-term exposure limit (STEL) setpoint (**0** = disabled). For toxic sensors only.
- **STEL Interval (minutes):** Enter a value (**5**-**15** minutes) to define the short-term exposure limit. For toxic sensors only.
- **TWA Period (hours):** Enter a value (**4**-**16** hours) to define the time-weighted average period. For toxic sensors only.
- **TWA Method:** Select either the US Occupational Safety and Health Administration (OSHA) or the American Conference of Governmental Industrial Hygienists (ACGIH) TWA calculating method.
  - US OSHA Method: 8 hour moving average.
  - ACGIH Method: Infinite accumulated average to 8 hours
- **Bump Test Low (%):** Enter a value (40-95% for toxic and LEL sensors) to define the gas concentration to pass a bump test. Only definable if configuring the detector with the MicroDock II.
- **Auto-Zero on Start-up:** When enabled, the sensors automatically zero during the startup tests.
- **LEL by Volume CH4:** When enabled, the LEL reading is displayed as % volume, assuming a methane (CH_4) environment. To define the methane concentration, refer to 50%LEL = (%CH4).

- **10% LEL (of reading) Over-span:** When enabled, the detector automatically over-spans the LEL sensor by 10% of the span concentration to ensure the span meets CSA standards.
- **20.8% base reading:** When enabled, the detector assumes 20.8 % O_2 as ambient air. Factory default is 20.9% O_2.
- **Low Alarm Acknowledge:** When enabled, the audible alarm can be disabled during a low alarm condition. The LED and visual alarm indicators remain active until the alarm condition changes or the detector deactivates. For toxic sensors and LEL only.

Testing Options

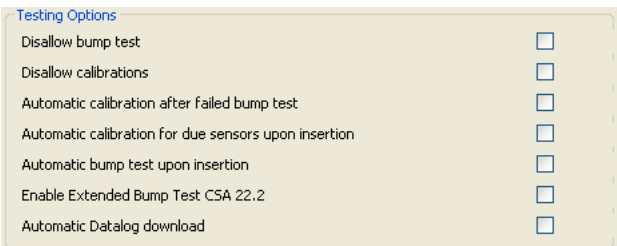

Testing Options
Disallow bump test
Disallow calibrations
Automatic calibration after failed bump test
Automatic calibration for due sensors upon insertion
Automatic bump test upon insertion
Enable Extended Bump Test CSA 22.2
Automatic Datalog download

Figure 114. GasAlertQuattro Testing Options

- **Disallow bump test:** When enabled, bump tests are not permitted when the detector is inserted in a docking module.
- **Disallow calibrations:** When enabled, calibrations are not permitted when the detector is inserted in a docking module.
- **Automatic calibration after failed bump test:** When enabled, if the detector fails a bump test, the docking module automatically performs a calibration immediately.
- **Automatic calibration for due sensors on insertion:** When enabled, the docking module automatically calibrates the overdue sensors when the detector is inserted in a docking module.
- **Automatic bump test upon insertion:** When enabled, the docking module, automatically performs a bump test when the detector is inserted in a docking module.
- **Enable Extended Bump Test CSA 22.2:** When enabled, the docking module performs an extended bump test. For LEL sensors only.
- **Automatic Datalog download:** When enabled, the detector automatically transfers the datalogs each time a bump test or calibration is performed using the docking module.

Program Options

Program options apply only for the base station.

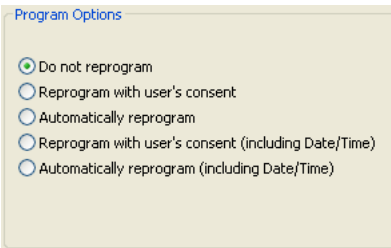
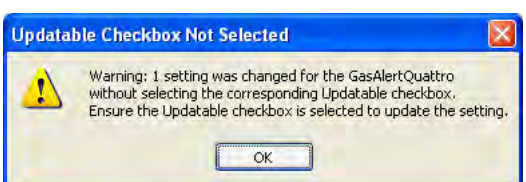
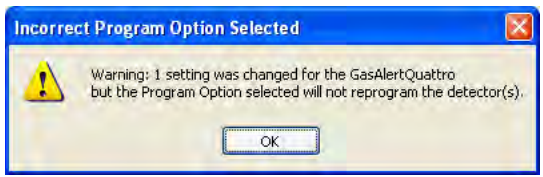


Figure 115. GasAlertQuattro Program Options

When the GasAlertQuattro configuration is changed, a program option that updates the detector configuration must be selected.

If saving a changed device configuration and a reprogram option has not been selected, the Updatable Checkbox(es) Not Selected and Incorrect Program Option Selected dialog boxes display.


Updatable Checkbox Not Selected
Warning: 1 setting was changed for the GasAlertQuattro without selecting the corresponding Updatable checkbox. Ensure the Updatable checkbox is selected to update the setting.
OK


Incorrect Program Option Selected
Warning: 1 setting was changed for the GasAlertQuattro but the Program Option selected will not reprogram the detector(s).
OK

- **Do not reprogram:** When selected, the detector configuration cannot be updated.
- **Reprogram with user's consent:** When selected, the base station asks if the detector configuration will be updated each time a bump test or calibration is performed.
- **Automatically reprogram:** When selected, the detector configuration is automatically updated when a bump test or calibration is performed.
- **Reprogram with user's consent (including Date/Time):** When selected, the base station asks if the detector configuration will be updated each time a bump test or calibration is initiated. The detector's clock will be changed to match the base station's clock.
- **Automatically reprogram (including Date/Time):** When selected, the detector configuration will be automatically updated when a bump test or calibration is initiated. The detector's clock is changed to match the base station's clock.

After the device configuration is complete, save the new configuration. Refer to Save to MicroDock II or Save to Hard Drive. To save the new configurations to the detectors, refer to Configuring the Detector.

GasAlertMax XT / GasAlertMax XT II Configuration Options

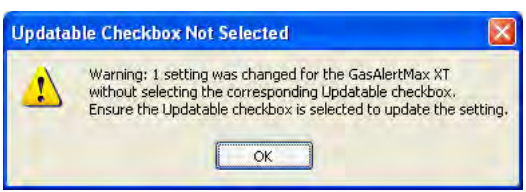
For more information on the detector's user options and configuration, refer to the *GasAlertMax XT II Technical Reference Guide*.

If using the IR Link to configure the GasAlertMax XT / GasAlertMax XT II, click **Configure Device via IR Link** from the **Devices** toolbar.

If using the base station to configure the GasAlertMax XT / GasAlertMax XT II,

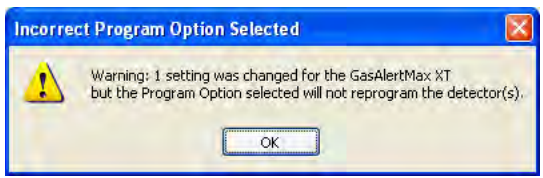
- Click **Configure Devices via MicroDock** from the **Devices** toolbar.
- If changing an option in **Device Configuration** or **Sensor Configuration**, the Updatable box for an option must be checked.

  If the Updatable checkbox is not checked, the Updatable Checkbox(es) Not Selected dialog box displays.


Updatable Checkbox Not Selected
Warning: 1 setting was changed for the GasAlertMax XT without selecting the corresponding Updatable checkbox. Ensure the Updatable checkbox is selected to update the setting.
OK

- A program option that updates the detector configuration must be selected.

  If saving an updated device configuration and neither reprogram option has been selected, the Incorrect Program Option Selected dialog box displays.


Incorrect Program Option Selected
Warning: 1 setting was changed for the GasAlertMax XT but the Program Option selected will not reprogram the detector(s).
OK

Device Configuration

Note

The GasAlertMax XT / GasAlertMax XT II can be configured with the IR Link or the base station.

Figure 116. displays the options available when configuring the GasAlertMax XT / GasAlertMax XT II with the base station.

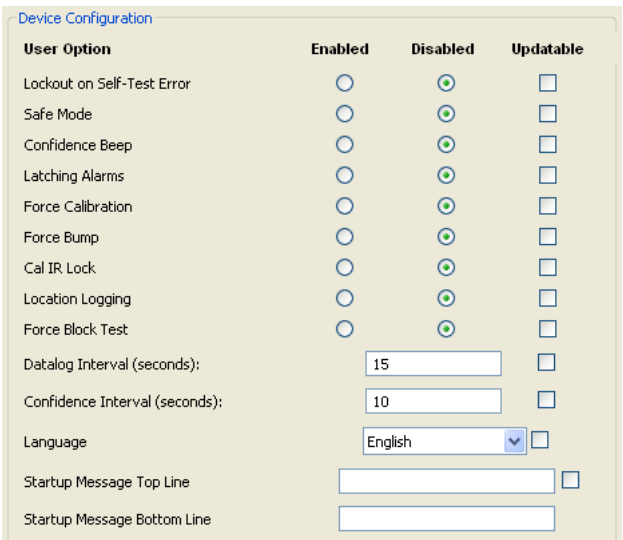


Figure 116. GasAlertMax XT / GasAlertMax XT II Device Configuration via MicroDock II

Figure 117. displays the options available when configuring the GasAlertMax XT / GasAlertMax XT II with the IR Link.

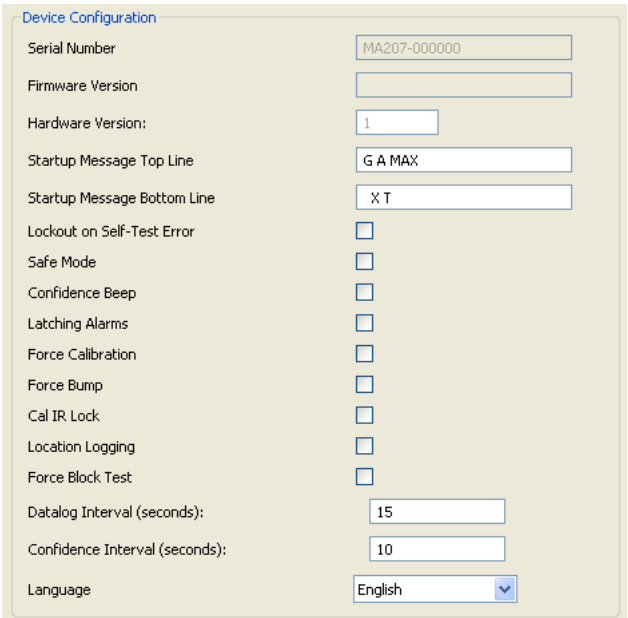


Figure 117. GasAlertMax XT / GasAlertMax XT II Device Configuration via IR Link

Note

The device configuration will vary for each user.

The Device Configuration table defines settings for the user options.

Enabled/Disabled: Click the checkbox to enable/disable the option.

Updatable: Click the checkbox to ensure the user option is changed during a base station bump test or calibration. For configuring the detector with the base station only.

Note

Updatable only applies if configuring the GasAlertMax XT / GasAlertMax XT II with the base station.

When a change is made to a setting or Updatable status, the checkbox is highlighted in red. When a setting or Updatable status returns to its original value, the checkbox will no longer be highlighted.

Figure 118. Changed Setting

Figure 119. Original Setting

- **Serial Number:** This field displays the serial number (e.g. MA108-001000) of the detector. The serial number can only be viewed in **Configure Device via IR Link**. The serial number cannot be changed.
- **Firmware Version:** This field displays the current firmware version (e.g. 02_000) that displays on the detector LCD during the startup tests. If new firmware is uploaded to the detector, the **Firmware Version** field automatically updates. The firmware version can only be viewed in **Configure Device via IR Link**.
- **Hardware Version:** This field displays the current version of hardware the detector is operating with. The hardware version can only be viewed in **Configure Device via IR Link**.
- **Lockout on Self-Test Error:** When enabled, if a sensor fails during startup, the detector deactivates.
- **Safe Mode:** When enabled, **SAFE** continuously displays on the LCD when all gas levels are normal or below the alarm setpoints.
- **Confidence Beep:** When enabled, the confidence beep provides continuous confirmation that the detector is operating correctly. To define how often the detector beeps (**1**-**120** seconds), refer to Confidence Interval (seconds).
- **Latching Alarms:** When enabled, an alarm persists until the alarm is acknowledged by pressing ◯ and the gas concentrations are below the alarm setpoint.
- **Force Calibration:** When enabled, a sensor overdue for calibration must be calibrated or the detector deactivates. To define how often a calibration must be performed (**0**-**365** days), refer to Calibration Interval (days).
- **Force Bump:** When enabled, a sensor overdue for a bump test must have a bump test performed or the detector deactivates. To define how often a bump test must be performed (**0**-**365** days), refer to Bump Interval (days).
- **Cal IR Lock:** When enabled, the sensors can only be calibrated using the IR Link with Fleet Manager II or the MicroDock II station. Refer to Calibrating the Detector Using the IR Link or the *MicroDock II Base Station User Manual*.

- **Location Logging:** When enabled, users can enter a three-digit value (**1**-**999**) to represent where the detector is being used. The location entries are recorded in the detector's datalogs.
- **Force Block Test:** When enabled, the detector prompts the user to manually block the pump inlet during the startup tests and after acknowledging a pump alarm.
- **Datalog Interval (seconds):** Enter a value (**1**-**120** seconds) to define how often a datalog is recorded.
- **Confidence Interval (seconds):** Enter a value (**1**-**120** seconds) to define how often the detector beeps.
- **Language:** Select which language the LCD displays. The available languages are: **English**, **French** (Français), **German** (Deutsch), **Spanish** (Español), and **Portuguese** (Português).
- **Startup Message Top Line:** Enter a line of text to display on the detector LCD during startup (maximum 25 characters, spaces included). Enter any type of information such as employee name, plant, area, emergency number(s), etc.

  Depending upon the length of the message, text will either display or scroll across the top line of the LCD.
- **Startup Message Bottom Line:** Enter a line of text to display on the detector LCD during startup (maximum 25 characters, spaces included). Enter any type of information such as employee name, plant, area, emergency number(s), etc.

  Depending upon the length of the message, text will either display or scroll across the bottom line of the LCD.

Sensor Configuration

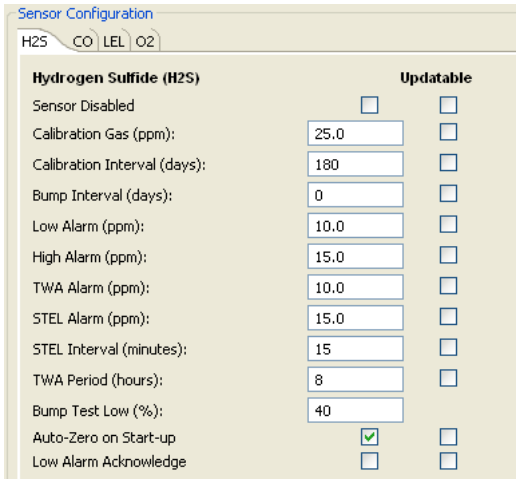


Figure 120. GasAlertMax XT / GasAlertMax XT II Sensor Configuration via MicroDock II

Note

Sensor configuration will vary for each user.

- **Sensor Disabled:** To disable a sensor, ensure a check displays in the checkbox.

⚠ Warning

Use extreme caution when disabling a sensor. The disabled sensor cannot detect and alarm against the applicable gas.

- **Calibration Gas (ppm) / (%LEL) / (%O2):** Enter a value to define the calibration gas concentration. Refer to the *GasAlertMax XT II Technical Reference Guide* for more information.
- **Calibration Interval (days):** Enter a value (**0**-**365** days) to define how often a calibration must be performed (**0** = disabled). A different calibration interval can be defined for each sensor.

Note

BW recommends a calibration once every 6 months (180 days).

- **Bump Interval (days):** Enter a value (**0**-**365** days) to define how often a bump test must be performed. A different bump interval can defined for each sensor.

Note

BW recommends that a bump test be performed once every 24 hours prior to the work shift.

- **Low Alarm (ppm) / (%LEL) / (%O2):** Enter a value to define the low alarm setpoint (**0** = disabled).
- **High Alarm (ppm) / (%LEL) / (%O2):** Enter a value to define the high alarm setpoint (**0** = disabled).
- **Correction Factor:** Enter a compensation factor (**0.50**-**4.00**) for hydrocarbons other than methane. The factor can only be applied if the LEL sensor has been calibrated with methane.

⚠ Caution

Ensure the calculations are correct for the applicable gas to ensure the reading display as 100% LEL.

- **50%LEL = (%CH4):** If the LEL By Volume CH4 is enabled, a percentage value can be entered in the **50% LEL = (%CH4)** field to display the LEL reading in %vol., assuming a methane environment.

  The equivalent methane concentration for 50% LEL as follows:
  - North America = 2.5%
  - Europe = 2.2%
- **TWA Alarm (ppm):** Enter a value to define the ppm level for the time-weighted average (TWA) alarm setpoint (**0** = disabled). For toxic sensors only.
- **STEL Alarm (ppm):** Enter a value to define the ppm level for the short-term exposure limit (STEL) setpoint (**0** = disabled). For toxic sensors only.
- **STEL Interval (minutes):** Enter a value (**5**-**15** minutes) to define the short-term exposure limit. For toxic sensors only.
- **TWA Period (hours):** Enter a value (**4**-**16** hours) to define the time-weighted average period. For toxic sensors only.
- **Bump Test Low (%):** Enter a value (**40**-**95%** for toxic and LEL sensors) to define the gas concentration to pass a bump test. Only definable if configuring the detector with the MicroDock II.
- **Auto-Zero on Start-up:** When enabled, the sensors automatically zero during the startup tests.
- **LEL by Volume CH4:** When enabled, the LEL reading is displayed as % volume, assuming a methane (CH_4) environment. To define the methane concentration, refer to 50%LEL = (%CH4).
- **5% (of reading) Over-span:** When enabled, the detector automatically over-spans the LEL sensor by 5% of the span concentration to ensure the span meets CSA standards.

- **20.8% base reading:** When enabled, the detector assumes 20.8 % O_2 as ambient air. Factory default is 20.9% O_2.
- **Low Alarm Acknowledge:** When enabled, the audible alarm can be disabled during a low alarm condition. The LED and visual alarm indicators remain active until the alarm condition changes or the detector deactivates. For toxic sensors and LEL only.

Testing Options

Testing options apply only for the base station.

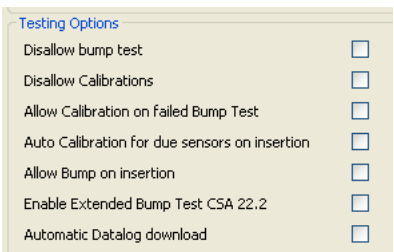

Testing Options
Disallow bump test
Disallow Calibrations
Allow Calibration on failed Bump Test
Auto Calibration for due sensors on insertion
Allow Bump on insertion
Enable Extended Bump Test CSA 22.2
Automatic Datalog download

Figure 121. GasAlertMax XT / GasAlertMax XT II Testing Options

- **Disallow bump test:** When enabled, bump tests are not permitted when the detector is inserted in a docking module.
- **Disallow Calibrations:** When enabled, calibrations are not permitted when the detector is inserted in a docking module.
- **Allow Calibration on failed Bump Test:** When enabled, if the detector fails a bump test, the docking module automatically performs a calibration immediately.
- **Auto Calibration for due sensors on insertion:** When enabled, the docking module automatically calibrates all overdue sensors when the detector is inserted in a docking module.
- **Allow Bump on insertion:** When enabled, the docking module, automatically performs a bump test when the detector is inserted in a docking module.
- **Enable Extended Bump Test CSA 22.2:** When enabled, the docking module performs an extended bump test. For LEL sensors only.
- **Automatic Datalog download:** When enabled, the detector automatically transfers the datalogs each time a bump test or calibration is performed using the docking module.

Program Options

Program options apply only for the base station.

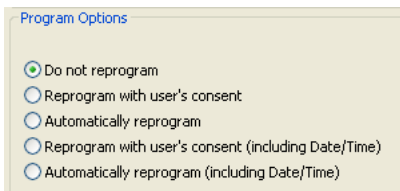
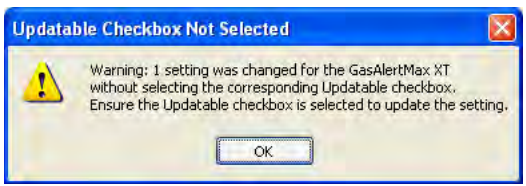
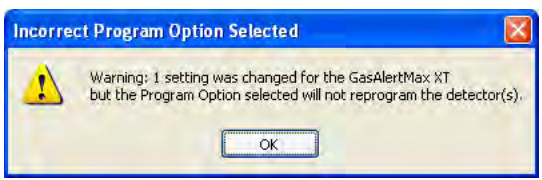


Figure 122. GasAlertMax XT / GasAlertMax XT II Program Options

When the GasAlertMax XT / GasAlertMax XT II configuration is changed, a program option that updates the detector configuration must be selected.

If saving a changed device configuration and a reprogram option has not been selected, the Updatable Checkbox(es) Not Selected and Incorrect Program Option Selected dialog boxes display.


Updatable Checkbox Not Selected
Warning: 1 setting was changed for the GasAlertMax XT
without selecting the corresponding Updatable checkbox.
Ensure the Updatable checkbox is selected to update the setting.
OK


Incorrect Program Option Selected
Warning: 1 setting was changed for the GasAlertMax XT
but the Program Option selected will not reprogram the detector(s).
OK

- **Do not reprogram:** When selected, the detector configuration cannot be updated.
- **Reprogram with user's consent:** When selected, the base station asks if the detector configuration will be updated each time a bump test or calibration is performed.
- **Automatically reprogram:** When selected, the detector configuration is automatically updated when a bump test or calibration is performed.
- **Reprogram with user's consent (including Date/Time):** When selected, the base station asks if the detector configuration will be updated each time a bump test or calibration is initiated. The detector's clock will be changed to match the base station's clock.
- **Automatically reprogram (including Date/Time):** When selected, the detector configuration will be automatically updated when a bump test or calibration is initiated. The detector's clock is changed to match the base station's clock.

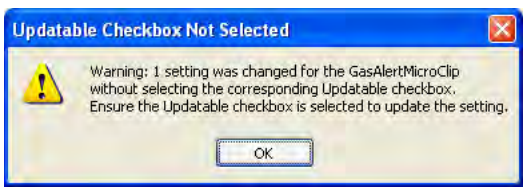
After the device configuration is complete, save the new configuration. Refer to Save to MicroDock II or Save to Hard Drive. To save the new configurations to the detectors, refer to Configuring the Detector.

GasAlertMicroClip / GasAlertMicroClip XT Configuration Options

When the GasAlertMicroClip / GasAlertMicroClip XT configuration is changed:

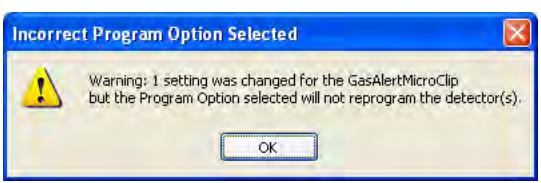
- If changing an option in Device Configuration or Sensor Configuration, the Updatable box for an option must be checked.

  If the Updatable checkbox is not checked, the Updatable Checkbox(es) Not Selected dialog box displays.


Updatable Checkbox Not Selected
Warning: 1 setting was changed for the GasAlertMicroClip without selecting the corresponding Updatable checkbox. Ensure the Updatable checkbox is selected to update the setting.
OK

- A program option which updates the detector configuration must be selected.

  If saving an updated device configuration and neither reprogram option has been selected, the Incorrect Program Option Selected dialog box displays.


Incorrect Program Option Selected
Warning: 1 setting was changed for the GasAlertMicroClip but the Program Option selected will not reprogram the detector(s).
OK

Device Configuration

Note

The GasAlertMicroClip / GasAlertMicroClip XT can be configured with the IR Link or the base station.

Figure 123. displays the options available when configuring the GasAlertMicroClip / GasAlertMicroClip XT with the base station.

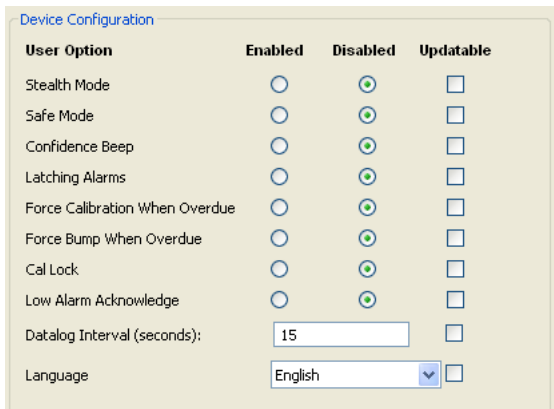


Figure 123. GasAlertMicroClip / GasAlertMicroClip XT Device Configuration Table via MicroDock II

Figure 124. displays the options available when configuring the GasAlertMicroClip / GasAlertMicroClip XT with the IR Link.

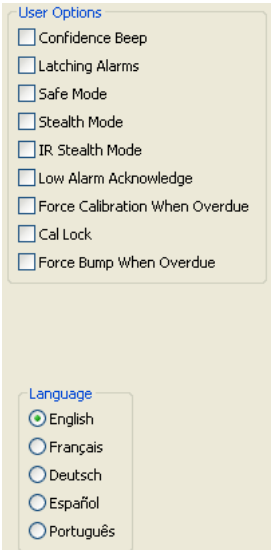


Figure 124. GasAlertMicroClip / GasAlertMicroClip XT Device Configuration via IR Link

Note

The device configuration will vary for each user.

The Device Configuration table defines settings for the user options.

Enabled/Disabled: Click the checkbox to enable/disable the option.

Updatable: Click the checkbox to ensure the user option is changed during a base station bump test or calibration.

Note

Updatable only applies if configuring the GasAlertMicroClip / GasAlertMicroClip XT with the base station.

When a change is made to a setting or Updatable status, the checkbox is highlighted in red. When a setting or Updatable status returns to its original value, the checkbox will no longer be highlighted.

Figure 125. Changed Setting

Figure 126. Original Setting

- **Stealth Mode:** When enabled, the audible alarm, LEDs and backlight are disabled. ✈ displays on the LCD.
- **Safe Mode:** When enabled, **SAFE** continuously displays on the LCD when all gas levels are normal or below the alarm setpoints.
- **Confidence Beep:** When enabled, the detector beeps once every 10 seconds to verify the battery has sufficient power to detect a hazardous gas and emit an alarm.
- **IntelliFlash:** When enabled, the green LED flashes to provide continuous visual confirmation that the detector is operating correctly. Not applicable to GasAlertMicroClip.

Note

IntelliFlash is only applicable to GasAlertMicroClip XT.

IntelliFlash automatically deactivates during a low battery alarm, a self-test fail, a calibration fail, a bump test fail, and during an alarm event. To define how often IntelliFlash occurs (**1**-**60** seconds), refer to IntelliFlash Interval. IntelliFlash is enabled by default and the default interval is 5 seconds.

- **Confidence Beep and IntelliFlash Interval (seconds):** Enter a value (**1**-**60** seconds) to define how often IntelliFlash occurs and the detector beeps. Intelliflash and/or Confidence Beep must be enabled in order to define Confidence Beep and IntelliFlash Interval.

  The default interval is 1 second.

Note

IntelliFlash and IntelliFlash Interval are only applicable to GasAlertMicroClip XT.

- **Latching Alarms:** When enabled, the audible, visual, and vibrator alarms persist during a high or low alarm until the gas concentration is below the low alarm setpoint and has been acknowledged by pressing ◯.
- **Force Calibration When Overdue:** When enabled, the detector automatically enters calibration during startup for overdue sensors. If the detector is not calibrated immediately, the detector will deactivate. To define the calibration due date, refer to Calibration Interval (days) under Sensor Configuration.
- **Force Bump When Overdue:** When enabled, a bump test is required if the sensor has exceeded its bump test interval. If a successful bump test is not performed, the detector will deactivate. To define the bump test interval, refer to Bump Interval (days) under Sensor Configuration.
- **Cal Lock:** When enabled, calibration can only be completed with an IR device like the IR Link or the base station. Refer to the *GasAlertMicroClip User Manual or GasAlertMicroClip XT Technical Reference Guide*.
- **Low Alarm Acknowledge:** When enabled, the audible alarm can be disabled during a low alarm. The vibrator, LEDs, and LCD remain enabled. For H_2S, CO, and LEL sensors only.
- **Datalog Interval (seconds):** Enter a value (**5**-**120** seconds) to define how often a datalog is recorded. Datalog interval cannot be defined if configuring the detector with the IR Link. This option is available only if configuring the GasAlertMicroClip / GasAlertMicroClip XT with the base station. Default interval is 15 seconds.
- **Language:** Select which language the LCD displays. The available languages are: **English**, **French** (Français), **German** (Deutsch), **Spanish** (Español), and **Portuguese** (Português).

Sensor Configuration

Figure 127. displays the options available when configuring the GasAlertMicroClip / GasAlertMicroClip XT with the base station.

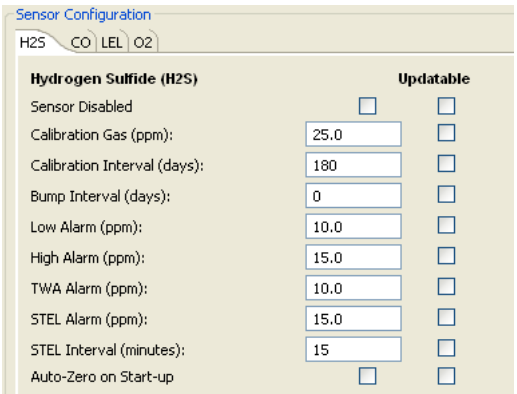


Figure 127. GasAlertMicroClip / GasAlertMicroClip XT Sensor Configuration via MicroDock II

Figure 128. displays the options available when configuring the GasAlertMicroClip / GasAlertMicroClip XT with the IR Link.

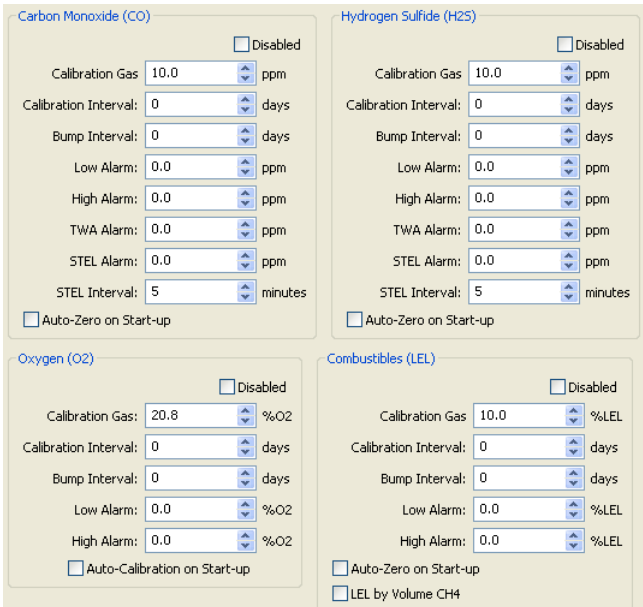


Figure 128. GasAlertMicroClip / GasAlertMicroClip XT Sensor Configuration via IR Link

Note

Sensor configuration will vary for each user.

- **Sensor Disabled:** To disable a sensor, ensure a check displays in the checkbox.

⚠ Warning

Use extreme caution when disabling a sensor. The disabled sensor cannot detect and alarm against the applicable gas.

- **Calibration Gas (ppm) / (%LEL) / (%O2):** Enter a value to define the calibration gas concentration. Refer to the *GasAlertMicroClip User Manual* / *GasAlertMicroClip XT Technical Reference Guide* for more information.
- **Calibration Interval (days):** Enter a value (**0**-**365** days) to define how often a calibration must be performed (**0** = disabled).

Note

BW recommends a calibration once every 6 months (180 days).

- **Bump Interval (days):** Enter a value (**0**-**365** days) to define how often a bump test must be performed.

Note

BW recommends that a bump test be performed once every 24 hours prior to the work shift.

- **Low Alarm (ppm) / (%LEL) / (%O2):** Enter a value to define the low alarm setpoint (**0** = disabled).
- **High Alarm (ppm) / (%LEL) / (%O2):** Enter a value to define the high alarm setpoint (**0** = disabled).
- **TWA Alarm (ppm):** Enter a value to define the ppm level for the time-weighted average (TWA) alarm setpoint (**0** = disabled). For toxic sensors only.
- **STEL Alarm (ppm):** Enter a value to define the ppm level for the short-term exposure limit (STEL) setpoint (**0** = disabled). For toxic sensors only.
- **STEL Interval (minutes):** Enter a value (**5**-**15** minutes) to define the short-term exposure limit. For toxic sensors only.
- **H2S/CO/LEL Auto-Zero on Start-up:** When enabled, the auto zero function automatically initiates during the startup self-test.
- **LEL by Volume CH4:** When enabled, the LEL reading is displayed as % volume, assuming a methane (CH_4) environment.

⚠ Caution

When enabled, Fleet Manager II displays %vol CH_4 as %LEL in the datalogs.

0 %LEL = 0.05 %vol methane
100 %LEL = 5.00 %vol methane

- **O2 Auto-Calibration on Start-up:** When enabled, the O_2 sensor is calibrated during the startup self test.

Testing Options

Testing options apply only for the base station.

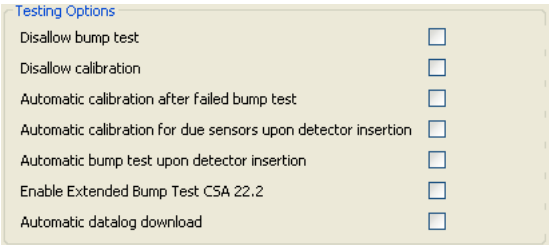

Testing Options
Disallow bump test
Disallow calibration
Automatic calibration after failed bump test
Automatic calibration for due sensors upon detector insertion
Automatic bump test upon detector insertion
Enable Extended Bump Test CSA 22.2
Automatic datalog download

Figure 129. GasAlertMicroClip / GasAlertMicroClip XT Testing Options

- **Disallow bump test:** When enabled, bump tests are not permitted when the detector is inserted in a docking module.
- **Disallow calibration:** When enabled, calibrations are not permitted when the detector is inserted in a docking module.
- **Automatic calibration after failed bump test:** When enabled, if the detector fails a bump test, the docking module automatically performs a calibration immediately.
- **Automatic calibration for due sensors upon detector insertion:** When enabled, the docking module automatically calibrates the overdue sensors when the detector is inserted in a docking module.
- **Automatic bump test upon detector insertion:** When enabled, the docking module, automatically performs a bump test when the detector is inserted in a docking module.
- **Enable Extended Bump Test CSA 22.2:** When enabled, the docking module performs an extended bump test. For LEL sensors only.
- **Automatic datalog download:** When enabled, the detector automatically transfers the datalogs each time a bump test or calibration is performed using the docking module.

Program Options

Program options apply only for the base station.

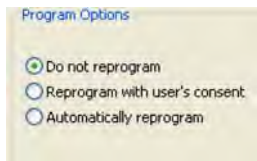
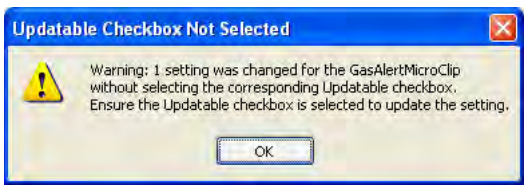
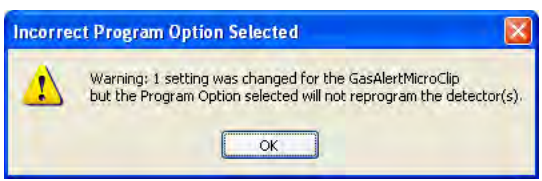


Figure 130. GasAlertMicroClip / GasAlertMicroClip XT Program Options Table

When the GasAlertMicroClip / GasAlertMicroClip XT configuration is changed, a program option that updates the detector configuration must be selected.

If saving a changed device configuration and a reprogram option has not been selected, the Updatable Checkbox(es) Not Selected and Incorrect Program Option Selected dialog boxes display.


Updatable Checkbox Not Selected
Warning: 1 setting was changed for the GasAlertMicroClip without selecting the corresponding Updatable checkbox. Ensure the Updatable checkbox is selected to update the setting.
OK


Incorrect Program Option Selected
Warning: 1 setting was changed for the GasAlertMicroClip but the Program Option selected will not reprogram the detector(s).
OK

- **Do not reprogram:** When selected, the detector configuration cannot be updated.
- **Reprogram with user's consent:** When selected, the base station asks if the detector configuration will be updated each time a bump test or calibration is performed.
- **Automatically reprogram:** When selected, the detector configuration is automatically updated when a bump test or calibration is performed.

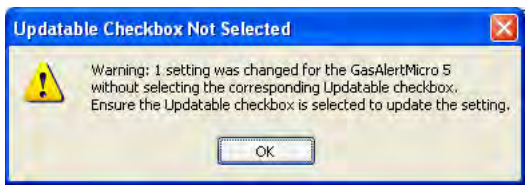
After the device configuration is complete, save the new configuration. Refer to Save to MicroDock II or Save to Hard Drive. To save the new configurations to the detectors, refer to Configuring the Detector.

GasAlertMicro 5/PID/IR Configuration Options

When the GasAlertMicro 5/PID/IR configuration is changed,

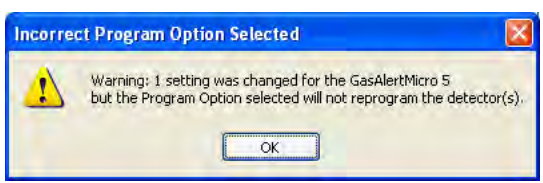
- If changing an option in Device Configuration or Sensor Configuration, the Updatable box for an option must be checked.

  If the Updatable box for an option is not checked, the following dialog box displays.


Updatable Checkbox Not Selected
Warning: 1 setting was changed for the GasAlertMicro 5 without selecting the corresponding Updatable checkbox. Ensure the Updatable checkbox is selected to update the setting.
OK

- A program option which updates the detector configuration must be selected.

  If saving a changed device configuration and a reprogram option has not been selected, the Incorrect Program Option Selected dialog box displays.


Incorrect Program Option Selected
Warning: 1 setting was changed for the GasAlertMicro 5 but the Program Option selected will not reprogram the detector(s).
OK

Device Configuration

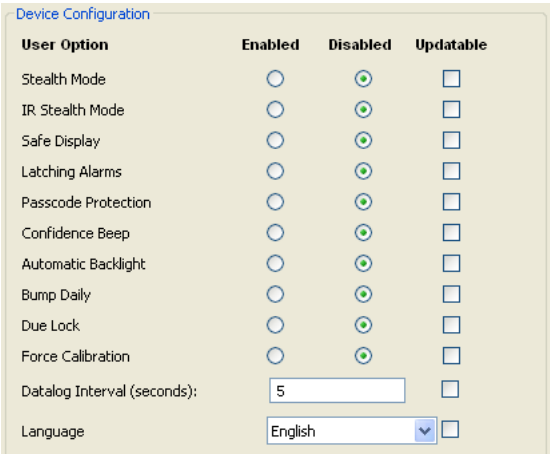


Figure 131. GasAlertMicro 5/PID/IR Device Configuration

Note

The above figure is an example of the GasAlertMicro 5/PID/IR Device Configuration table. The device configuration will vary for each user.

The Device Configuration table defines settings for the user options.

Enabled/Disabled: Click the checkbox to enable/disable the option.

Updatable: Click the checkbox to ensure the user options update during a base station bump test or calibration.

When a change is made to a setting or Updatable status, the checkbox is highlighted in red. When a setting or Updatable status returns to its original value, the checkbox will no longer be highlighted.

Figure 132. Changed Setting

Figure 133. Original Setting

- **Stealth Mode:** When enabled, the audible alarms, LEDs, and backlight are disabled. The vibrator and the LCD remain operational. ✈ displays on the LCD.
- **Stealth IR Mode:** When enabled, the audible alarm and backlight are disabled. The vibrator, LCD and the IR LEDs remain operational.

Note

If both Stealth and IR Stealth are enabled, Stealth will override IR Stealth.

- **Safe Display:** When enabled, **Safe** continuously displays on the detector LCD when all gas concentrations are normal or below the alarm setpoints.
- **Latching Alarms:** When enabled, the audible, visual, and vibrator alarms persist during a high or low alarm until the gas concentration is below the low alarm setpoint and has been acknowledged by pressing ◯.
- **Passcode Protection:** When enabled, the option prevents unauthorized access to the user options, calibration, and alarm setpoints.

- **Confidence Beep:** When enabled, the confidence beep provides continuous confirmation that the detector is operating correctly. The detector beeps once every 10 seconds.
- **Auto Backlight:** When enabled, the backlight activates automatically in low light conditions.
- **Bump Daily:** When enabled, a bump test is required daily for the O_2 and LEL sensors. If the bump test is not successful, the detector will automatically deactivate.

Note

If **Bump Daily** *is enabled, the O_2 and LEL sensors require daily bump tests whenever the detector is activated (or reactivated) following 00:00 hours (midnight).*

- **Due Lock:** When enabled, if a sensor is overdue for calibration, a passcode must be entered to enter normal operation. If the correct passcode is not entered, the detector deactivates.
- **Force Calibration:** When enabled, the detector automatically enters calibration during startup for overdue sensors. If the detector is not calibrated immediately, the detector will deactivate. To define the calibration due date, refer to Calibration Interval (days) under Sensor Configuration.
- **Datalog Interval (seconds):** Enter a value (**1**-**127** seconds) to define how often a datalog is recorded.
- **Language:** Select which language the LCD displays. The available languages are: **English**, **French** (Français), **German** (Deutsch), **Spanish** (Español), and **Portuguese** (Português).

Sensor Configuration

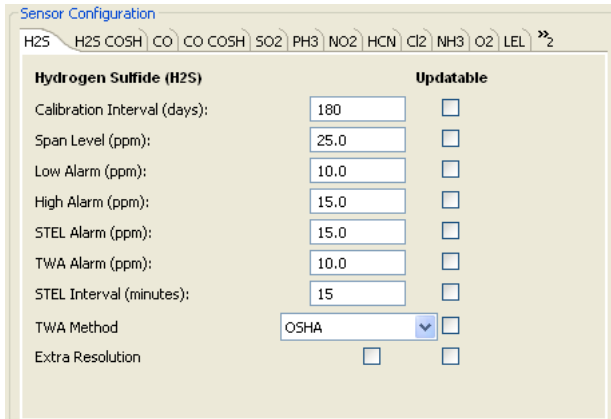


Figure 134. GasAlertMicro 5/PID/IR Sensor Configuration

Note

To enable or disable a sensor, use the senor enable/disable option in the detector's user options menu. For more information, refer to the GasAlertMicro 5/PID/IR User Manual*.*

To configure the O_3 and ClO_2 sensors, use the sensor options in the detector's user options menu.

Display the additional sensors by clicking the arrow buttons on the right-hand side of the tab headers. Access the additional sensors by clicking the sensor tabs.

- **Calibration Interval (days):** Enter a value (**1**-**365** days) to define how often a calibration must be performed.

Note

BW recommends a calibration once every 6 months (180 days).

- **Span Level (ppm) / (% LEL):** Enter a value to define the span gas concentration. For more information, refer to the *GasAlertMicro 5/PID/IR User Manual*.
- **Low Alarm (ppm) / (%):** Enter a value to define the low alarm setpoint (**0** = disabled).
- **High Alarm (ppm) / (%):** Enter a value to define the high alarm setpoint (**0** = disabled).
- **Auto Calibrate O2:** When enabled, the O_2 sensor is automatically calibrated during the startup self test.
- **STEL Alarm (ppm):** Enter a value to define the ppm level for the short-term exposure limit (STEL) (**0** = disabled). For toxic sensors only.
- **TWA Alarm (ppm):** Enter a value to define the ppm level for the time-weighted average (TWA) alarm setpoint (**0** = disabled). For toxic sensors only.
- **STEL Interval (minutes):** Enter a value (**5** to **15** minutes) to define the short-term exposure limit. For toxic sensors only.
- **TWA Method:** Select either the US Occupational Safety and Health Administration (OSHA) or the American Conference of Governmental Industrial Hygienists (ACGIH) TWA calculating method.
    - US OSHA Method: 8 hour moving average.
    - ACGIH Method: Infinite accumulated average to 8 hours
- **H_2S / H_2S COSH / SO_2 / PH_3 / NO_2 / HCN / Cl_2 / NH_3 Extra Resolution:** When enabled, displays the gas measurement in 0.1 ppm.
- **LEL Correction Factor:** Enter a compensation factor for hydrocarbons other than methane. The factor can only be applied if the LEL sensor has been calibrated with methane. (**1.0 (Methane)** = disabled)
- **LEL Custom Correction Factor:** Enter a correction factor when **Custom** is selected in the LEL Correction Factor.
- **LEL by %Vol (by %LEL):** When enabled, the current correction factor is ignored and the detector operates assuming a methane (CH_4) calibration.
- **PID/VOC Correction Factor:** Enter a compensation factor for selected gas types. The factor can be applied only if the PID sensor has been calibrated with isobutylene. (**1.0 (Isobutylene)** = disabled)
- **PID/VOC Custom Correction Factor (ppm):** Enter a correction factor that is not listed in the PID/VOC Correction Factor. Refer to Appendix A: PID Correction Factor Library in the *GasAlertMicro 5/PID/IR User Manual*.
- **CO2 by %Vol:** When enabled, the LCD displays the carbon dioxide reading as % vol (**0.0**).

Testing Options

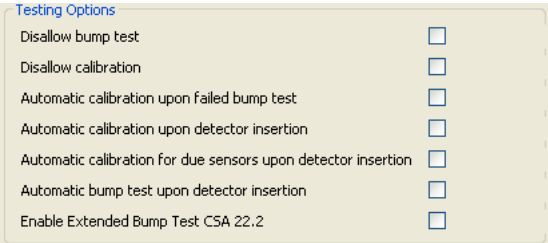

Testing Options
Disallow bump test
Disallow calibration
Automatic calibration upon failed bump test
Automatic calibration upon detector insertion
Automatic calibration for due sensors upon detector insertion
Automatic bump test upon detector insertion
Enable Extended Bump Test CSA 22.2

Figure 135. GasAlertMicro 5/PID/IR Testing Options

- **Disallow bump test:** When enabled, bump tests are not permitted when the detector is inserted in a docking module.
- **Disallow calibration:** When enabled, calibrations are not permitted when the detector is inserted in a docking module.
- **Automatic calibration upon failed bump test:** When enabled, if the detector fails a bump test, the docking module automatically performs a calibration.
- **Automatic calibration upon detector insertion:** When enabled, the docking module automatically performs a bump test when the detector is inserted in a docking module.
- **Automatic calibration for due sensors upon detector insertion:** When enabled, the docking module automatically calibrates the sensors that are due for a calibration when the detector is inserted in a docking module.
- **Automatic bump test upon detector insertion:** When enabled, the docking module automatically performs a bump test when the detector is inserted in a docking module.
- **Enable Extended Bump Test CSA 22.2:** When enabled, the docking module performs an extended bump test. For LEL sensors only.

Program Options

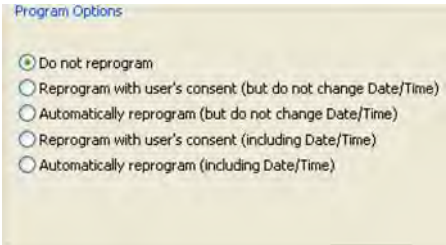
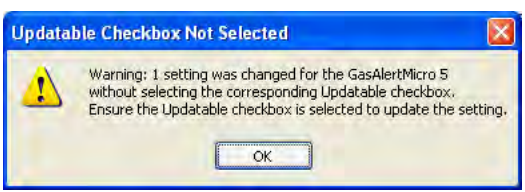
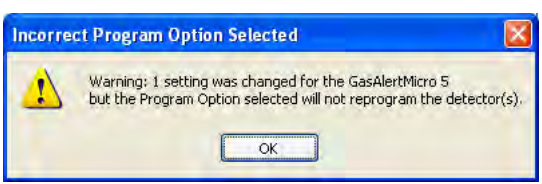

Program Options
Do not reprogram
Reprogram with user's consent (but do not change Date/Time)
Automatically reprogram (but do not change Date/Time)
Reprogram with user's consent (including Date/Time)
Automatically reprogram (including Date/Time)

Figure 136. GasAlertMicro 5/PID/IR Program Options

When the GasAlertMicro 5/PID/IR configuration is changed, a program option that updates the detector configuration must be selected.

If saving a changed device configuration and a reprogram option has not been selected, the Updatable Checkbox(es) Not Selected and Incorrect Program Option Selected dialog boxes display.


Updatable Checkbox Not Selected
Warning: 1 setting was changed for the GasAlertMicro 5 without selecting the corresponding Updatable checkbox. Ensure the Updatable checkbox is selected to update the setting.
OK


Incorrect Program Option Selected
Warning: 1 setting was changed for the GasAlertMicro 5 but the Program Option selected will not reprogram the detector(s).
OK

- **Do not reprogram:** When selected, the detector configuration cannot be updated.
- **Reprogram with user's consent (but do not change Date/Time):** When selected, the base station asks if the detector configuration will be updated each time a bump test or calibration is initiated. The detector's clock is not changed to match the base station's clock.
- **Automatically reprogram (but do not change Date/Time):** When selected, the detector configuration is automatically updated when a bump test or calibration is initiated. The detector's clock is not changed to match the base station's clock.
- **Reprogram with user's consent (including Date/Time):** When selected, the base station asks if the detector configuration will be updated each time a bump test or calibration is initiated. The detector's clock will be changed to match the base station's clock.
- **Automatically reprogram (including Date/Time):** When selected, the detector configuration will be automatically updated when a bump test or calibration is initiated. The detector's clock is changed to match the base station's clock.

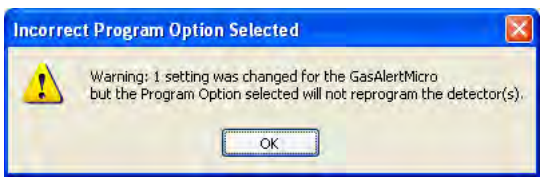
After the device configuration is complete, save the new configuration. Refer to Save to MicroDock II or Save to Hard Drive. To save the new configurations to the detectors, refer to Configuring the Detector.

GasAlertMicro Configuration Options

When the GasAlertMicro configuration is changed,

- A program option which updates the detector configuration must be selected.

  If saving a changed device configuration and a reprogram option has not been selected, the Incorrect Program Option Selected dialog box displays.


Incorrect Program Option Selected
Warning: 1 setting was changed for the GasAlertMicro
but the Program Option selected will not reprogram the detector(s).
OK

Device Configuration

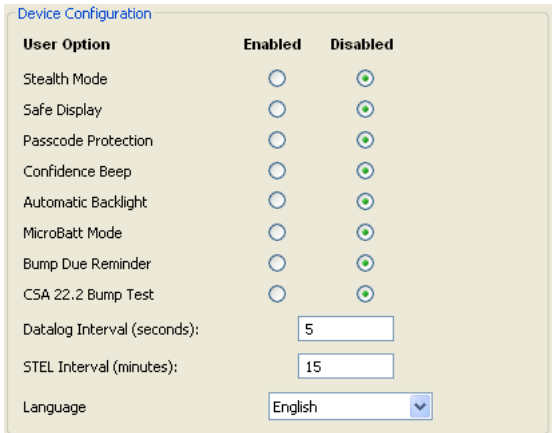


Figure 137. GasAlertMicro Device Configuration

Note

The above figure is an example of the GasAlertMicro Device Configuration table. The device configuration will vary for each user.

To enable or disable Latching Alarms or define the Calibration Interval, refer to the detector's user options menu. For more information, refer to the GasAlertMicro User Manual.

The Device Configuration table defines settings for the user options.

Enabled/Disabled: Click the checkbox to enable/disable the option.

When a change is made to a setting, the checkbox is highlighted in red. When a setting returns to its original value, the checkbox will no longer be highlighted.

Figure 138. Changed Setting

Figure 139. Original Setting

- **Stealth Mode:** When enabled, the audible alarms, LEDs, and backlight are disabled. The vibrator and the LCD remain operational.
- **Safe Display:** When enabled, **Safe** continuously scrolls across the LCD when all gas levels are normal or below the alarm setpoints.
- **Passcode Protected:** When enabled, the option prevents unauthorized access to the user options, calibration, and alarm setpoints.
- **Confidence Beep:** When enabled, the detector beeps once every 15 seconds to verify the detector is operating properly.
- **Automatic Backlight:** When enabled, press any button to activate the backlight for 10 seconds, regardless of lighting condition.
- **MicroBatt Mode:** When enabled, the rechargeable MicroBatt battery pack must be used in the detector. When disabled, alkaline batteries must be used in the detector.
- **Bump Due Reminder:** When enabled, a reminder displays during startup if a bump test has not been performed within the previous 24 hours.
- **CSA 22.2 Bump Test:** When enabled, the docking module performs an extended bump test. For LEL sensors only.
- **Datalog Interval (seconds):** Enter a value (**1**-**127** seconds) to define how often a datalog is recorded.
- **Calibration Interval (days):** Enter a value (**1**-**365** days) to define how often a calibration must be performed.

Note

BW recommends a calibration once every 6 months (180 days).

- **STEL Interval (minutes):** Enter a value (**5**-**15** minutes) to define the short-term exposure limit (STEL). For toxic sensors only.
- **Language:** Select which language the LCD displays. The available languages are: **English**, **French** (Français), **German** (Deutsch), **Spanish** (Español), and **Portuguese** (Português).

Sensor Configuration

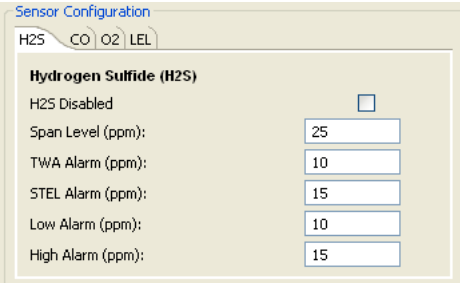


Figure 140. GasAlertMicro Sensor Configuration Table

Note

To configure the SO_2 sensor, use the sensor options in the detector's user options menu.

- **H2S / CO / O2 / LEL Disabled:** Disable a sensor by clicking the checkbox.

⚠ Warning

Disabling a sensor should only be performed with extreme caution. The disabled sensor cannot measure and alarm against the applicable gas.

- **Span Level (ppm)/(%):** Enter a value to define the span gas concentration. For more information, refer to the _GasAlertMicro User Manual_.
- **TWA Alarm (ppm):** Enter a value to define the ppm level for the time-weighted average (TWA) alarm setpoint (**0** = disabled). For toxic sensors only.
- **STEL Alarm (ppm):** Enter a value to define the ppm level for the short-term exposure limit (STEL) alarm setpoint (**0** = disabled). For toxic sensors only.
- **Low Alarm (ppm)/(%):** Enter a value to define the low alarm setpoint (**0** = disabled).
- **High Alarm (ppm)(%):** Enter a value to define the high alarm setpoint (**0** = disabled).
- **Automatic O2 Calibration:** When enabled, an automatic oxygen calibration is performed during startup.
- **LEL by %Vol (by %LEL):** When enabled, the LCD displays LEL concentration as % vol.

Testing Options

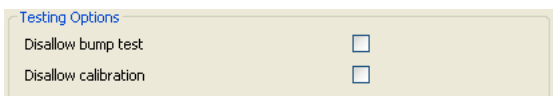


Figure 141. GasAlertMicro Testing Options Table

- **Disallow bump test:** When enabled, bump tests are not permitted when the detector is inserted in a docking module.
- **Disallow calibration:** When enabled, calibrations are not permitted when the detector is inserted in a docking module.

Program Options

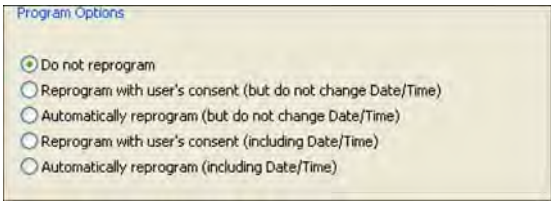
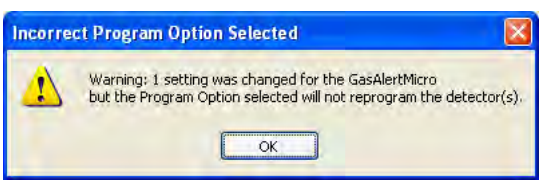

Program Options
Do not reprogram
Reprogram with user's consent (but do not change Date/Time)
Automatically reprogram (but do not change Date/Time)
Reprogram with user's consent (including Date/Time)
Automatically reprogram (including Date/Time)

Figure 142. GasAlertMicro Program Options Table

When the GasAlertMicro configuration is changed, a program option that updates the detector configuration must be selected.

If saving an changed device configuration and a reprogram option has not been selected, the Incorrect Program Option Selected dialog box displays.


Incorrect Program Option Selected
Warning: 1 setting was changed for the GasAlertMicro
but the Program Option selected will not reprogram the detector(s).
OK

- **Do not reprogram:** When selected, the detector configuration cannot be updated.
- **Reprogram with user's consent (but do not change Date/Time):** When selected, the base station asks if the detector configuration will be updated each time a bump test or calibration is initiated. The detector's clock is not changed to match the base station's clock.
- **Automatically reprogram (but do not change Date/Time):** When selected, the detector configuration is automatically updated when a bump test or calibration is initiated. The detector's clock is not changed to match the base station's clock.
- **Reprogram with user's consent (including Date/Time):** When selected, the base station asks if the detector configuration will be updated each time a bump test or calibration is initiated. The detector's clock is changed to match the base station's clock.
- **Automatically reprogram (including Date/Time):** When selected, the detector configuration is automatically updated when a bump test or calibration is initiated. The detector's clock is changed to match the base station's clock.

After the device configuration is complete, save the new configuration. Refer to Save to MicroDock II or Save to Hard Drive. To save the new configurations to the detectors, refer to Configuring the Detector.

GasAlert Extreme Configuration Options

Device Configuration

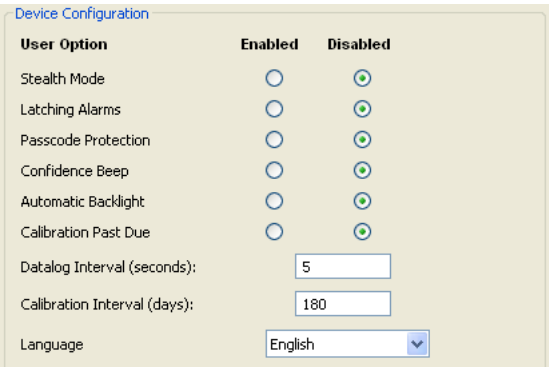


Figure 143. GasAlert Extreme Device Configuration Table

Note

Device configuration will vary for each user.

The Device Configuration table defines settings for the user options.

Enabled/Disabled: Click the checkbox to enable/disable the option.

Figure 144. Altered Setting

Figure 145. Unaltered Setting

When a change is made to a setting, the checkbox is highlighted in red. When a setting returns to its original value, the checkbox will no longer be highlighted.

- **Stealth Mode:** When enabled, the audible alarms, LEDs, and backlight are disabled. The vibrator remains operational.
- **Latching Alarms:** When enabled, the audible, visual, and vibrator alarms persist during a high or low alarm until the gas concentration is below the low alarm setpoint and has been acknowledged by pressing ◯.
- **Passcode Protected:** When enabled, the option prevents unauthorized access to the user options, calibration, and alarm setpoints.
- **Confidence Beep:** When enabled, the detector beeps once every 5 seconds and vibrates once a minute to verify the battery has sufficient power to detect hazardous gas and emit an alarm.
- **Automatic Backlight:** When enabled, the backlight automatically activates for 3 seconds whenever there is insufficient light to view the LCD.
- **Calibration Past Due:** When enabled, the detector will automatically shutdown during startup if the detector is past due for calibration and the ◯ button has not been pressed 5 seconds after **CAL. PAST** displays.
- **Datalog Interval (seconds):** Enter a value (**1**-**60** seconds) to define how often a datalog is recorded.
- **Calibration Interval (days):** Enter a value (**1**-**365** days) to define how often a calibration must be performed.

Note

BW recommends a calibration once every 6 months (180 days).

- **Language:** Select which language the LCD displays. The available languages are: **English**, **French** (Français), **German** (Deutsch), **Spanish** (Español), and **Portuguese** (Português).

Sensor Configuration

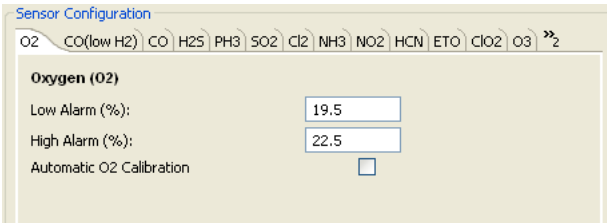


Figure 146. GasAlert Extreme Sensor Configuration Table

- **Low Alarm (ppm)/(%):** Enter a value to define the low alarm setpoint (**0** = disabled).
- **High Alarm (ppm)/(%):** Enter a value to define the high alarm setpoint (**0** = disabled).
- **Automatic O2 Calibration:** When enabled, the O_2 sensor is automatically calibrated during the startup self test.
- **TWA Alarm (ppm):** Enter a value to define the ppm level for the time-weighted average (TWA) alarm setpoint (**0** = disabled). For toxic sensors only.
- **STEL Alarm (ppm):** Enter a value to define the ppm level for the short-term exposure limit (STEL) alarm setpoint (**0** = disabled). For toxic sensors only.

Testing Options

Figure 147. GasAlert Extreme Testing Options Table

- **Disallow bump test:** When enabled, bump tests are not permitted when the detector is inserted in a docking module.
- **Disallow calibration:** When enabled, calibrations are not permitted when the detector is inserted in a docking module.

Program Options

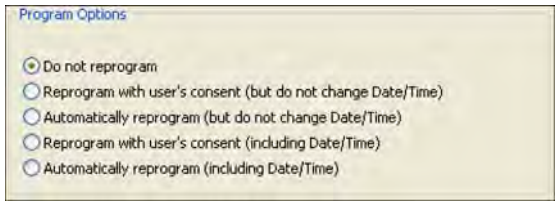

Program Options
Do not reprogram
Reprogram with user's consent (but do not change Date/Time)
Automatically reprogram (but do not change Date/Time)
Reprogram with user's consent (including Date/Time)
Automatically reprogram (including Date/Time)

Figure 148. GasAlert Extreme Program Options Table

When the GasAlert Extreme configuration is changed, a program option that updates the detector configuration must be selected.

If saving a changed device configuration and a reprogram option has not been selected, the Incorrect Program Option Selected dialog box displays.

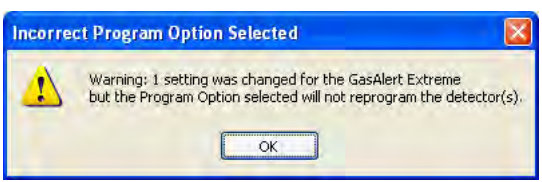

Incorrect Program Option Selected
Warning: 1 setting was changed for the GasAlert Extreme but the Program Option selected will not reprogram the detector(s).
OK

Figure 149. Incorrect Program Option Selected

- **Do not reprogram:** When selected, the detector configuration cannot be updated.
- **Reprogram with user's consent (but do not change Date/Time):** When selected, the base station asks if the detector configuration will be updated each time a bump test or calibration is initiated. The detector's clock is not changed to match the base station's clock.
- **Automatically reprogram (but do not change Date/Time):** When selected, the detector configuration is automatically updated when a bump test or calibration is initiated. The detector's clock is not changed to match the base station's clock.
- **Reprogram with user's consent (including Date/Time):** When selected, the base station asks if the detector configuration will be updated each time a bump test or calibration is initiated. The detector's clock is changed to match the base station's clock.
- **Automatically reprogram (including Date/Time):** When selected, the detector configuration is automatically updated when a bump test or calibration is initiated. The detector's clock is changed to match the base station's clock.

After the device configuration is complete, save the new configuration. Refer to Save to MicroDock II or Save to Hard Drive. To save the new configurations to the detectors, refer to Configuring the Detector.

Managing Device Users

Fleet Manager II manages the following user information:

- Serial number
- Start and End Date of detector use. To define these dates, refer to Device User History.
- User name
- Device type
- Device status
- Supervisor
- Location
- User Email
- Supervisor Email

In addition to the default categories, there are four user-defined categories. To edit the user-defined categories, refer to Editing an Existing Device User.

Information about each user listed in the Device Users table also displays in the Bump/Cal Results and Event Logs tables.

When a detector's event logs or bump test and calibration results are imported, Fleet Manager II searches for the detector's serial number in the Device Users table. If the serial number is not listed, Fleet Manager II inputs the serial number, along with its Device Type and Device Status to the Device Users table. The other categories remain blank.

Note

Device Status is automatically set to Active.

To edit current device user details, refer to Editing an Existing Device User.

Note

If there is a list of users in CSV file format or in Fleet Manager I, the list can be imported. Refer to Importing Device Users.

Editing an Existing Device User

User information can be updated with new information or edited.

To edit user information, complete the following:

Note

A detector's serial number cannot be edited.

1. Login to the Administration functions.
2. From the **Administration** toolbar, click **Device Users**.
3. Select a user to edit. Click **Edit** on the right-hand side.

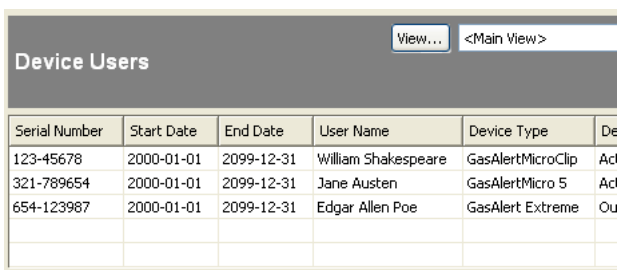
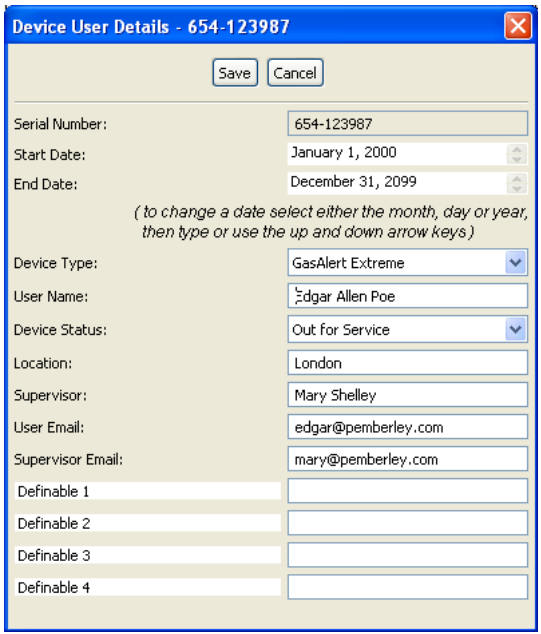


Figure 150. Select A User To Edit

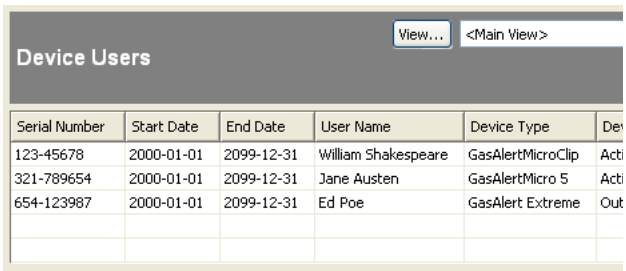
The Device User Details dialog box displays.



4. Edit the appropriate information and click **Save**.

5. The updated user information displays in the main Device Users screen.

   This information also updates in the other Fleet Manager II tables.



Serial Number	Start Date	End Date	User Name	Device Type	Dev
123-45678	2000-01-01	2099-12-31	William Shakespeare	GasAlertMicroClip	Acti
321-789654	2000-01-01	2099-12-31	Jane Austen	GasAlertMicro 5	Acti
654-123987	2000-01-01	2099-12-31	Ed Poe	GasAlert Extreme	Out

Figure 151. Updated Device User Information

Adding a User-Defined Category

A user-defined category can be added or edited at any time.

Note

If the title of a user-defined category is edited for one user, it affects all users in the table.

To create or edit a user-defined category, complete the following:

1. Login to the Administration functions.
2. From the **Administration** toolbar, click **Device Users**.
3. Click on an existing user. Click **Edit** in the lower right-hand corner.

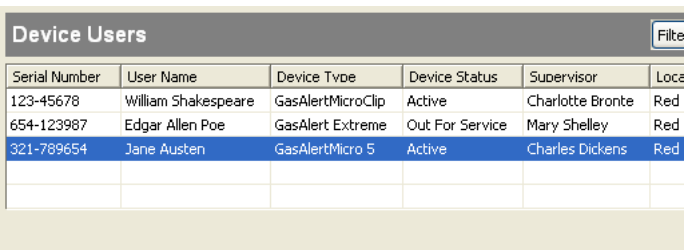


Figure 152. Selecting an Existing User

The Device User Details dialog box displays.

4. Highlight **Definable 1**.

Figure 153. Definable 1 Highlighted

5. Enter a new category title.

Figure 154. User-Defined Categories

6. For additional user-defined categories, repeat steps #4-5 as required.

7. Enter the information.

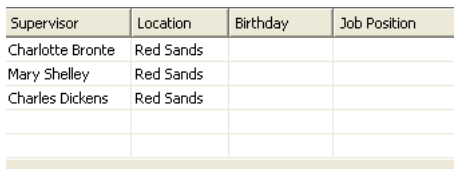
   To enter information in the user-defined categories for other users, refer to Editing an Existing Device User.

Figure 155. User-Defined Categories With Information

8. When satisfied with new categories and information, click **Save**.

   The Device Users main screen now displays the new categories.

   These headings also update in the other Fleet Manager II tables.



Supervisor	Location	Birthday	Job Position
Charlotte Bronte	Red Sands		
Mary Shelley	Red Sands		
Charles Dickens	Red Sands		

Figure 156. Device Users Screen With New User-Defined Categories

9. To input information for other device users under the new user-defined categories, refer to Editing an Existing Device User.

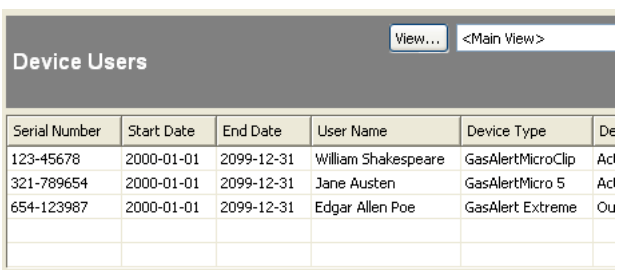
Device User History

Multiple users of one detector can be recorded with the Start Date and End Date in the Device Users table. The default date range is 2000-01-01 to 2099-12-31.

The date range also determines which personal details appear in the Bump/Cal Results and Event Logs tables for a detector.

When a date range has been entered, a new device user entry appears to ensure there is full coverage from 2000-01-01 to 2099-12-31.

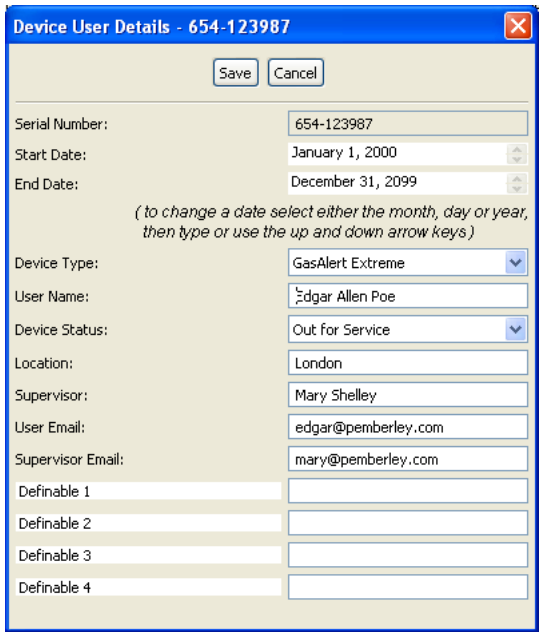
1. Login to the Administration functions.
2. From the **Administration** toolbar, click **Device Users**.
3. Select a user to edit. Click **Edit** on the right-hand side.



Serial Number	Start Date	End Date	User Name	Device Type	De
123-45678	2000-01-01	2099-12-31	William Shakespeare	GasAlertMicroClip	Ac
321-789654	2000-01-01	2099-12-31	Jane Austen	GasAlertMicro 5	Ac
654-123987	2000-01-01	2099-12-31	Edgar Allen Poe	GasAlert Extreme	Ou

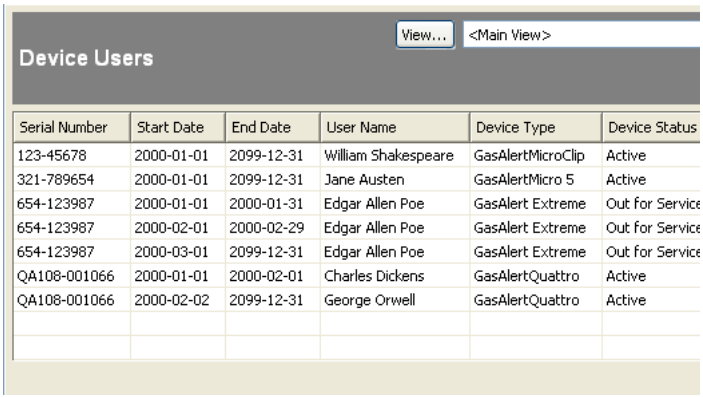
Figure 157. Select A User To Edit

The Device User Details dialog box displays.



4. Highlight a value (month, date, or year) in either date field.
5. Press to change the value. When finished changing one value, click on the next value to change it.
6. Complete steps #4-5 for the other date field.
7. Click **Save** when complete.

8. Additional entries appear to ensure there is full coverage from 2000-01-01 to 2099-12-31.



Serial Number	Start Date	End Date	User Name	Device Type	Device Status
123-45678	2000-01-01	2099-12-31	William Shakespeare	GasAlertMicroClip	Active
321-789654	2000-01-01	2099-12-31	Jane Austen	GasAlertMicro 5	Active
654-123987	2000-01-01	2000-01-31	Edgar Allen Poe	GasAlert Extreme	Out for Service
654-123987	2000-02-01	2000-02-29	Edgar Allen Poe	GasAlert Extreme	Out for Service
654-123987	2000-03-01	2099-12-31	Edgar Allen Poe	GasAlert Extreme	Out for Service
QA108-001066	2000-01-01	2000-02-01	Charles Dickens	GasAlertQuattro	Active
QA108-001066	2000-02-02	2099-12-31	George Orwell	GasAlertQuattro	Active

Figure 158. Device User History

Creating/Changing New Device Status Options

Fleet Manager II has four default device status options:

- Active
- Inactive
- Out of Service
- Out for Service

Fleet Manager II also allows two user-defined device status options.

Note

The Active device status option cannot be changed. Inactive, Out of Service, Out for Service, and user-definable device status options can be changed.

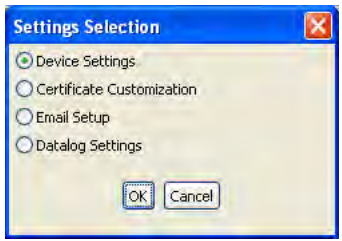
When Fleet Manager II imports a detector's event logs or bump test and calibration results, Fleet Manager II automatically assigns the Active status to the detector. A detector's status can be altered by editing the user's information. Refer to Editing an Existing Device User.

To create/change a device status option, complete the following:

1. Login to the Administration functions.

2. From the **Administration** toolbar, click **Settings**.

   The Settings Selection dialog box displays.



3. Select **Device Settings** and click **OK**.

   The Settings Editor dialog box displays.

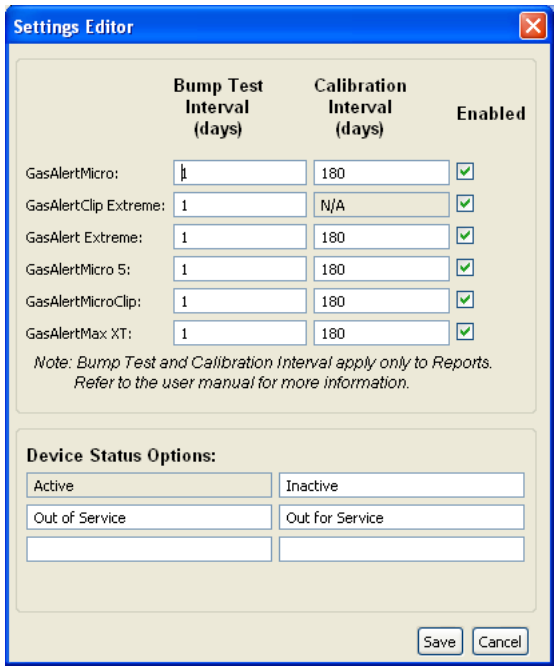


Figure 159. Settings Editor Dialog Box

4. If creating a new Device Status Option, select one of the blank field.

   If changing a device status option, select one of the populated fields.

5. Input the device status. When satisfied with the new or changed device status, click **Save**.

   The Device Settings Save Confirmation dialog box displays**.**

6. Click **OK**.

Adding a New Device User

Note

When Fleet Manager II imports a detector's event logs, bump test results or calibration results, Fleet Manager II searches for the detector's serial number in the Device Users table. If the serial number is not listed, Fleet Manager II inputs the serial number with its Device Type and Device Status.

To add a new user, complete the following:

1. Login to the Administration functions.
2. From the **Administration** toolbar, click **Device Users**.

3. Click the **New** button in the lower right-hand corner.

   The Device User Details - New dialog box displays.

Figure 160. Device User Details - New Dialog Box

4. Enter the user information.

Note

Serial Number and Device Type are required fields and must be populated before Fleet Manager II saves the device user details.

Figure 161. Device User Details With User Information

5. When all information has been entered click **Save** or **Save and New**.
   - Selecting **Save** saves the information and returns to the Device Users main screen.
   - Selecting **Save and New** saves the information and another blank Device User Details - New dialog box displays.

Deleting a Device User

To delete a device user, complete the following:

1. Login to the Administration functions.
2. From the **Administration** toolbar, click **Device Users**.
3. Select the user to be deleted. Click **Delete** in the lower-right hand corner.

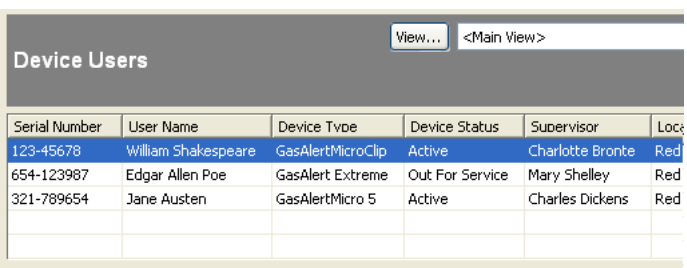
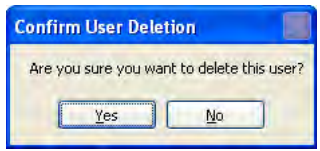


Figure 162. Selecting A User To Delete

The Confirm User Deletion dialog box displays.



4. Click **Yes**.
5. The user is removed from the Device Users main screen.

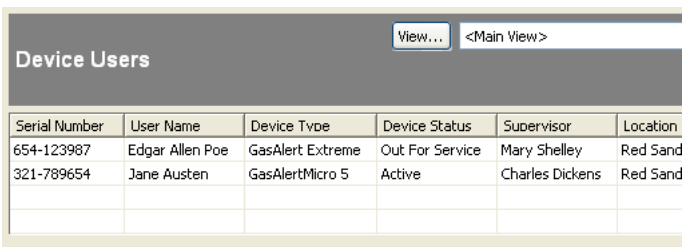


Figure 163. User Removed From Table

Importing Device Users

Fleet Manager II can import users from an existing CSV file or from Fleet Manager I.

Import from a CSV File

The device status options in the CSV file must be

- spelled exactly the same as the device status options in the Settings Editor dialog box, and
- listed in the Settings Editor dialog box.

If the device status entries in the CSV file are not spelled and capitalized correctly and/or are not present in the Settings Editor dialog box, a dialog box displays the message **The Device Status must be one of the defined valid status**.

Correct the invalid device status in the CSV file or enter the missing device status options in the Settings Editor dialog box. Refer to Creating/ Changing New Device Status Options.

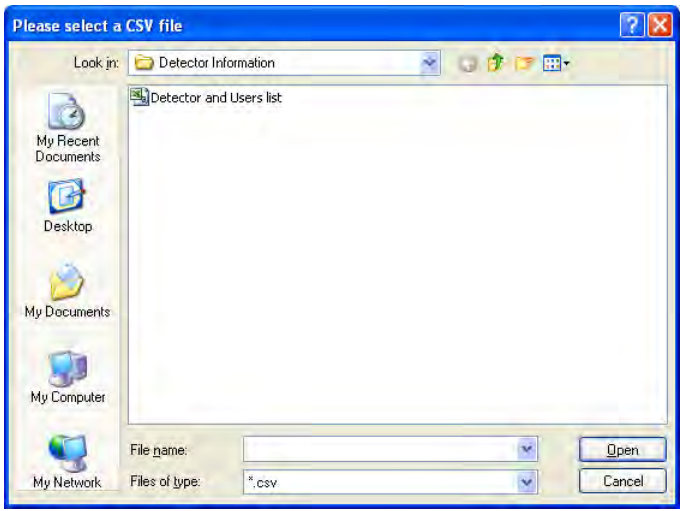
To import users from a CSV file, complete the following:

1. Login to the Administrative functions.
2. From the **Administration** toolbar, click **Device Users**.
3. Click **Import** in the right-hand corner.

   The Import Device Users dialog box displays.

4. Select **Import from a CSV file** and click **OK**.

   The file browser window displays.

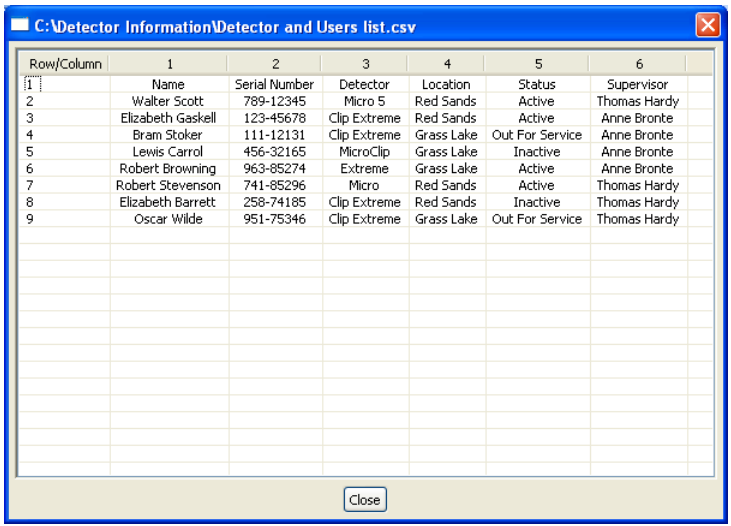


5. Select the CSV file that contains the user information, and click **Open**.

   The Column Mapping For Device Users dialog box displays.

6. Click **View CSV File**.

   A dialog box with the CSV information displays.



Row/Column	1	2	3	4	5	6
1	Name	Serial Number	Detector	Location	Status	Supervisor
2	Walter Scott	789-12345	Micro 5	Red Sands	Active	Thomas Hardy
3	Elizabeth Gaskell	123-45678	Clip Extreme	Red Sands	Active	Anne Bronte
4	Bram Stoker	111-12131	Clip Extreme	Grass Lake	Out For Service	Anne Bronte
5	Lewis Carrol	456-32165	MicroClip	Grass Lake	Inactive	Anne Bronte
6	Robert Browning	963-85274	Extreme	Grass Lake	Active	Anne Bronte
7	Robert Stevenson	741-85296	Micro	Red Sands	Active	Thomas Hardy
8	Elizabeth Barrett	258-74185	Clip Extreme	Red Sands	Inactive	Thomas Hardy
9	Oscar Wilde	951-75346	Clip Extreme	Grass Lake	Out For Service	Thomas Hardy

Figure 164. CSV File Window

7. Map the Device/User Fields in the Column Mapping dialog box to the columns in the CSV File Window.

   Note

   Place the Column Mapping dialog box and CSV File Window beside each other for easier mapping. Refer to Figure 165.

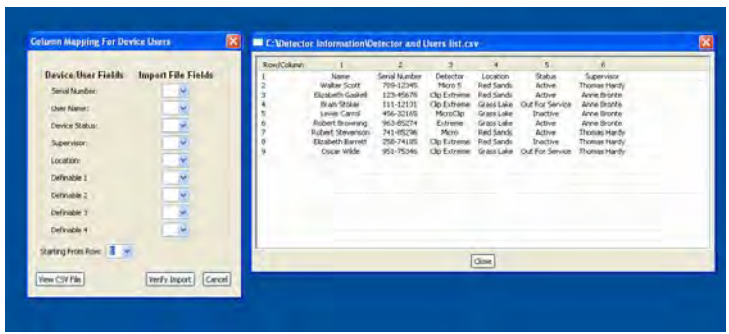


Figure 165. Placement of Column Mapping Dialog Box and CSV File Window

8. Use the Import File Fields drop down menu to select the column in the CSV File Window that corresponds to the Device/User Fields.

   Example: In Figure 164., **Serial Number** in the CSV File Window is column 2.

   Select 2 in the **Import File Fields** drop down menu for the Serial Number.

Note

There is not an Import File Fields for the detector type. The detector type is added later when editing the device user information or after the first bump test or calibration results import for the detector. Refer to Editing an Existing Device User.

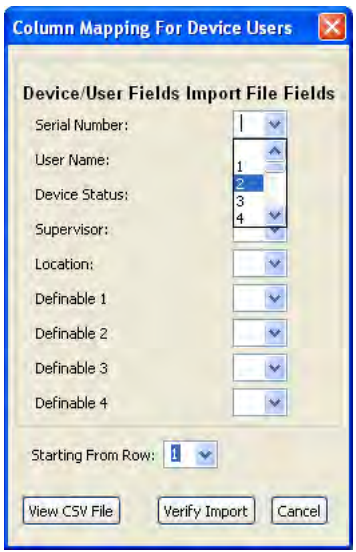


Figure 166. Selecting the Corresponding Column

9. Repeat step #7 for the remaining Device/User Fields.

10. Use the **Starting From Row** drop down menu to indicate the row where the user information begins.

    Example: In Figure 164. CSV File Window, the user information begins on Row 2 because the column headers are on Row 1.

    Select **2** in the Starting From Row drop down menu.

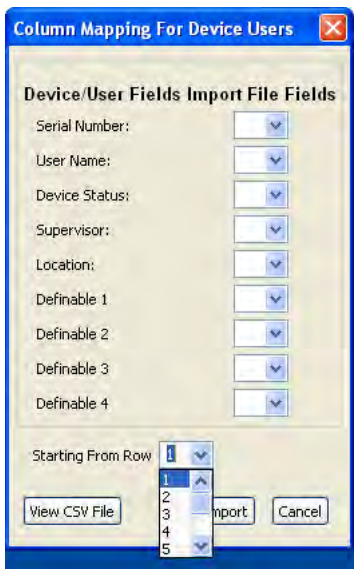


Figure 167. Selecting Which Row Information Begins

11. To verify the columns have been identified correctly, click **Verify Import**.

    The Device User Changes Confirmation dialog box displays.

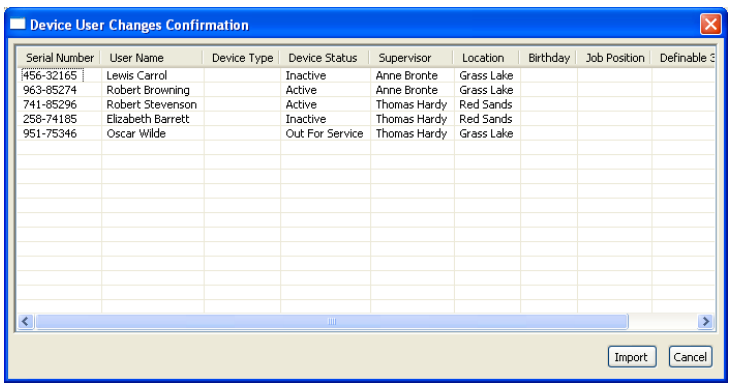
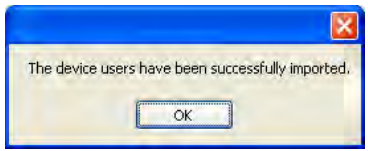


Figure 168. Device User Changes Confirmation Dialog Box

12. Ensure the columns of user information have been mapped properly. If not, click **Cancel** and repeat steps #7-10.
13. When the column headings correctly match the device user information, click **Import** in the Device User Changes Confirmation dialog box to import the information into Fleet Manager II.
14. The following dialog box displays. Click **OK**.



15. The new users display in the Device Users main screen.

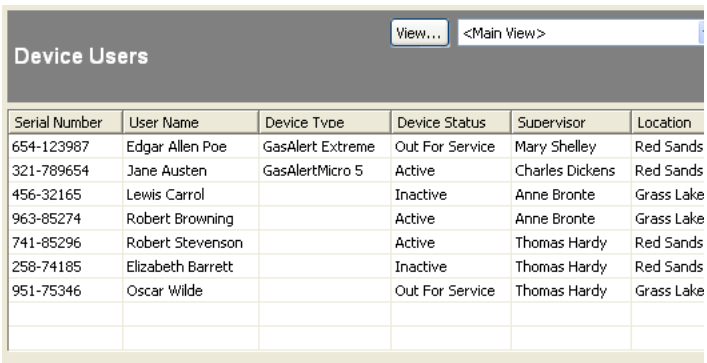

Device Users
View...
<Main View>
Serial Number
User Name
Device Type
Device Status
Supervisor
Location
654-123987 Edgar Allen Poe GasAlert Extreme Out For Service Mary Shelley Red Sands
321-789654 Jane Austen GasAlertMicro 5 Active Charles Dickens Red Sands
456-32165 Lewis Carrol Inactive Anne Bronte Grass Lake
963-85274 Robert Browning Active Anne Bronte Grass Lake
741-85296 Robert Stevenson Active Thomas Hardy Red Sands
258-74185 Elizabeth Barrett Inactive Thomas Hardy Red Sands
951-75346 Oscar Wilde Out For Service Thomas Hardy Grass Lake

Figure 169. Device Users Screen With New Users

Importing Users from Fleet Manager I

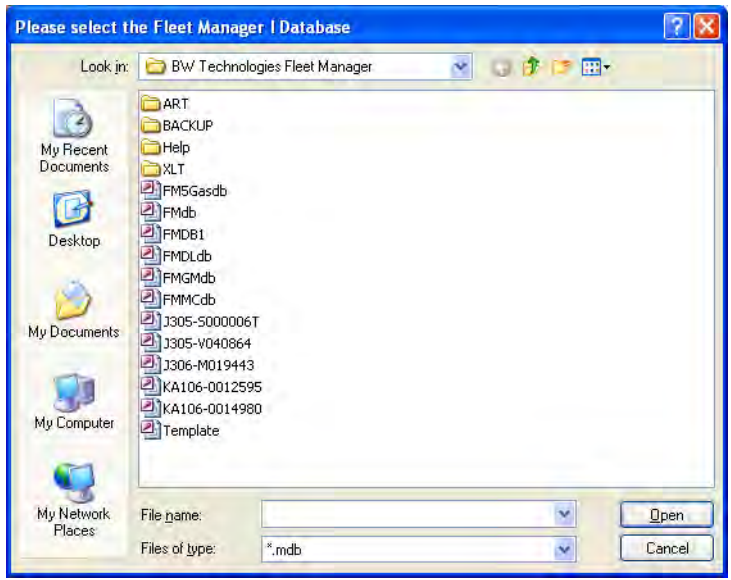
To import users from Fleet Manager I, complete the following:

1. Login to the Administration functions.
2. From the **Administration** toolbar, click **Device Users**.
3. Click **Import** in the lower right-hand corner.

   The Import Device Users dialog box displays.

4. Select **Import from FleetManager 1**, and click **OK**.

   A file browser window displays.



5. Select the Fleet Manager I database that contains the Device Users information, and click **Open**.

6. The Device User Changes Confirmation dialog box displays.

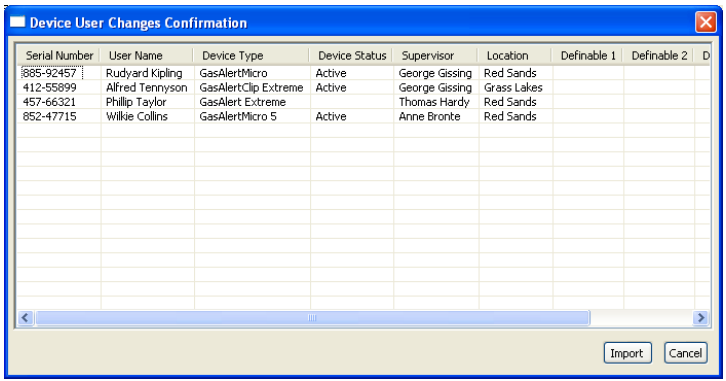


Figure 170. Device User Changes Confirmation Dialog Box

7. Click **Import**.

   The new users are added to the Device Users table.

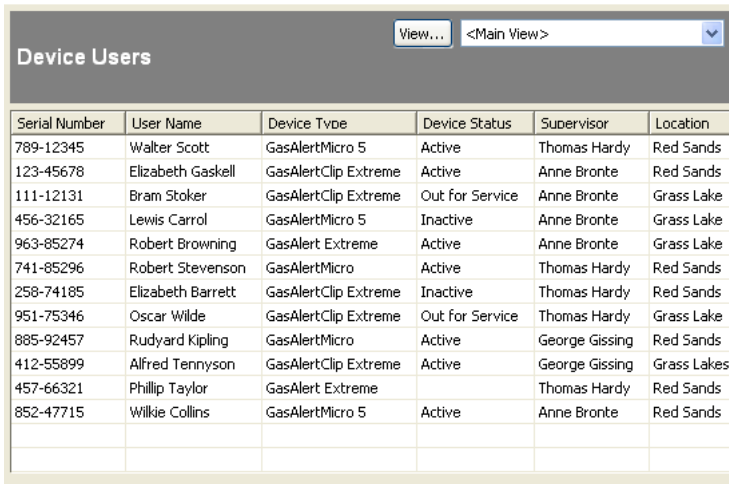


Figure 171. Device Users Table With Fleet Manager I Users

Exporting the Device Users Table

The Device User table can be exported in three file formats for use in other applications. Refer to Exporting Data in Fleet Manager II.

Managing MicroDocks

Fleet Manager II manages the following information about the base station:

- Serial number
- Location
- Connected docking modules

A base station's serial number and location also displays in the Bump/Cal Results for each detector the base station performed a bump test or calibration for; in the Results and Events via MicroDock tab; and Import Logs table.

Adding a New MicroDock to the MicroDock Table

To add a new base station to the MicroDock table, complete the following:

1. Login to the Administrative functions.
2. From the **Administration** toolbar, click **MicroDocks**.
3. Click **New** in the right-hand corner.

   The MicroDock Details - New dialog box displays.

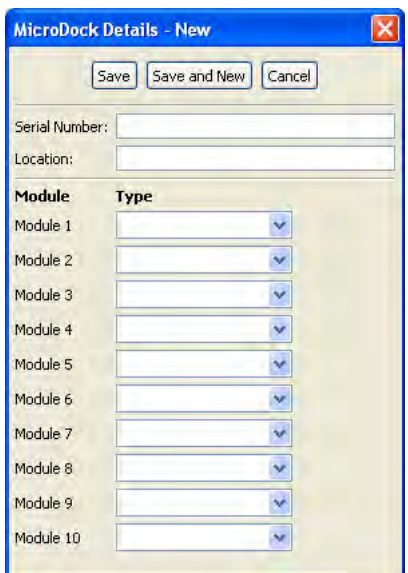


Figure 172. MicroDock Details - New Dialog Box

4. Enter the base station serial number and location.
5. Select the type of docking module from the drop down menu.

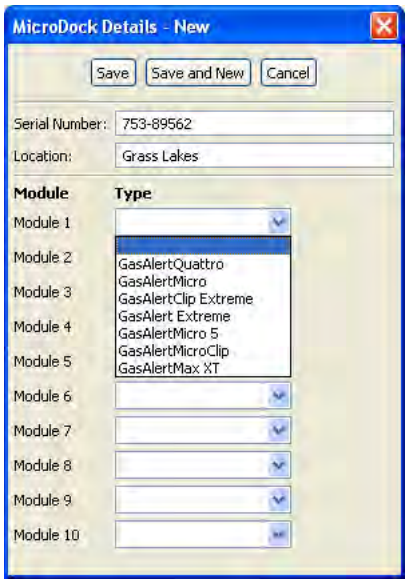


Figure 173. Selecting A Docking Module

6. Repeat steps #4-5 for each additional docking module.
7. When all information has been entered click **Save** or **Save and New**.
   - Selecting **Save** saves the information and returns to the Device Users main screen.
   - Selecting **Save and New** saves the information and a new MicroDock Details - New dialog box displays.

Editing Information for an Existing MicroDock

To edit the information for an existing base station, complete the following:

1. Login to the Administrative functions.
2. From the **Administration** toolbar, click **MicroDocks**.
3. Select a base station to edit.

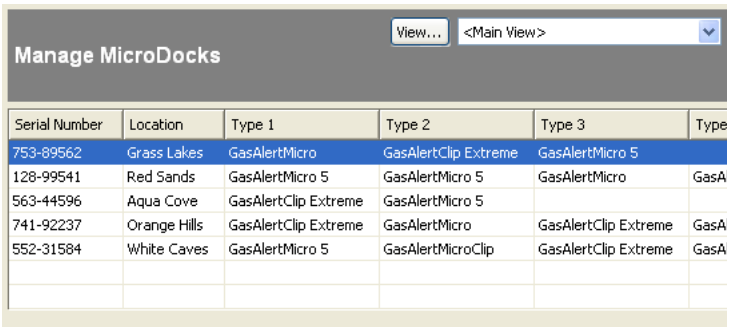


Figure 174. Selecting A Base Station To Edit

4. Click **Edit** in the lower right-hand corner.

   The MicroDock Details dialog box displays for that base station.

   Note

   The base station's serial number cannot be edited.

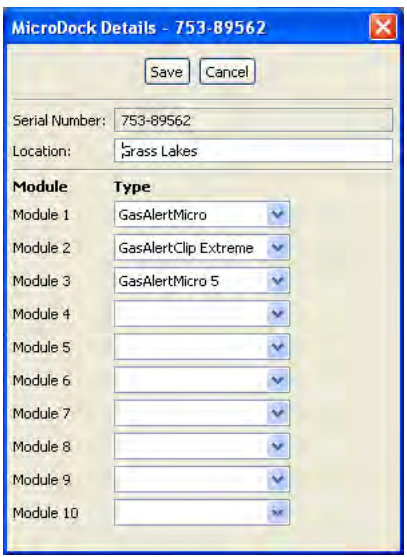


Figure 175. MicroDock Details Dialog Box

5. Edit the information, and click **Save**.

   The information is now updated for the base station.

   This information also updates in the other Fleet Manager II tables.

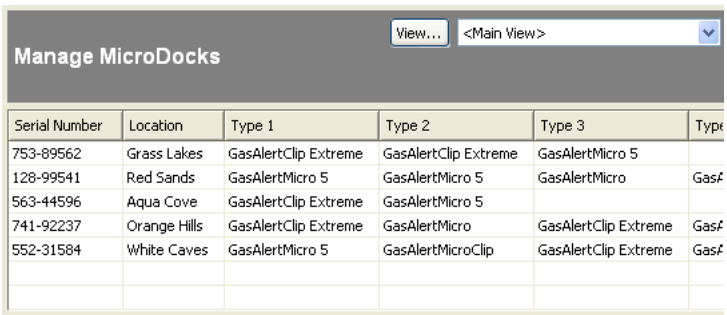


Figure 176. Base Station With Updated Information

Deleting a Docking Module from the Base Station in the MicroDock Table

To delete a docking module from a base station in the MicroDock table, complete the following:

1. Select the base station from which the docking module is to be deleted.

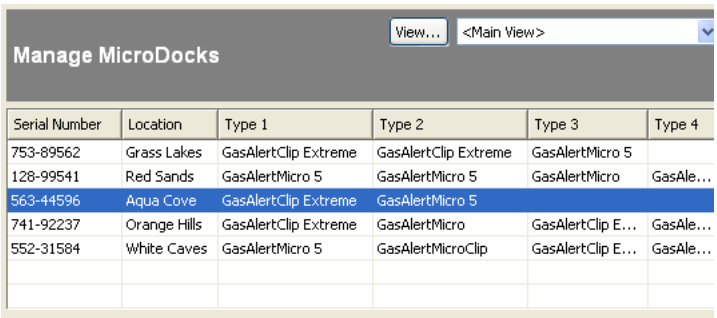


Figure 177. Selecting A Base Station

2. Click **Edit** in the lower right-hand corner.

   The MicroDock Details dialog box displays for the selected base station.

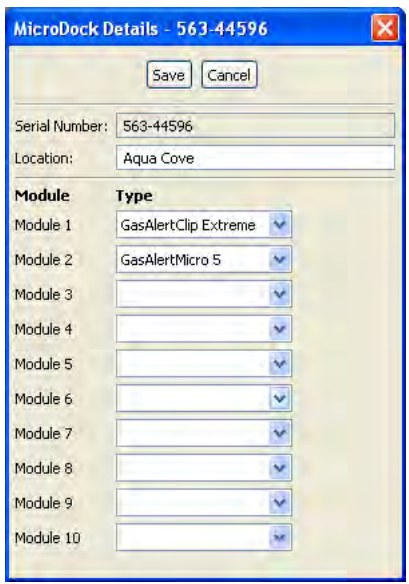


Figure 178. MicroDock Details Dialog Box

3. Select the docking module to be deleted by clicking the drop down menu.

4. Select the blank line at the top of the docking module list.

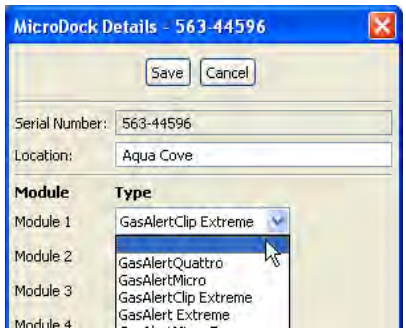
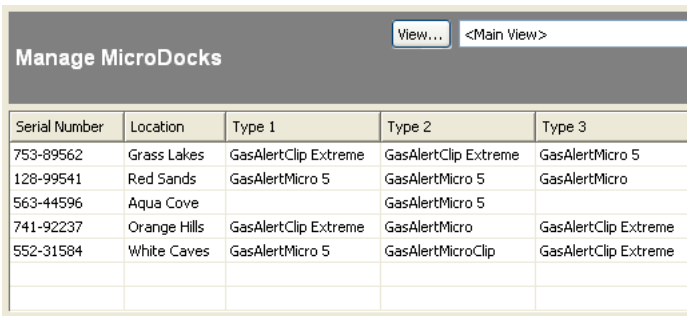


Figure 179. Blank Line In The Drop Down Menu

5. Click **Save**.

   The deleted docking module no longer displays in the Manage MicroDocks main screen. To move up the remaining module(s), refer to Editing Information for an Existing MicroDock.



Serial Number	Location	Type 1	Type 2	Type 3
753-89562	Grass Lakes	GasAlertClip Extreme	GasAlertClip Extreme	GasAlertMicro 5
128-99541	Red Sands	GasAlertMicro 5	GasAlertMicro 5	GasAlertMicro
563-44596	Aqua Cove		GasAlertMicro 5	
741-92237	Orange Hills	GasAlertClip Extreme	GasAlertMicro	GasAlertClip Extreme
552-31584	White Caves	GasAlertMicro 5	GasAlertMicroClip	GasAlertClip Extreme

Figure 180. Docking Module Deleted

Deleting a Base Station from the MicroDock Table

To delete a base station from the MicroDock table, complete the following:

1. Select a base station to delete. Click **Delete** in the lower right-hand corner.

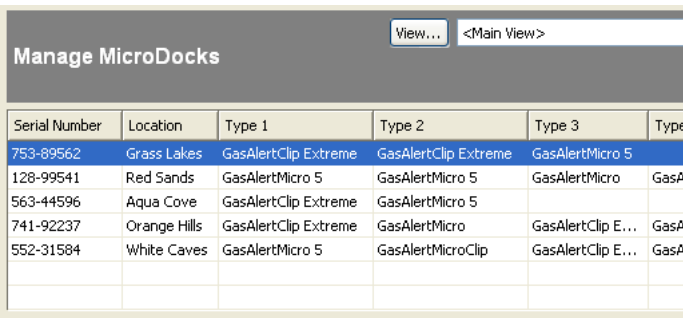
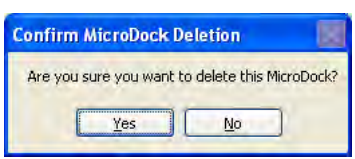


Figure 181. Selecting A Base Station To Delete

The Confirm MicroDock Deletion dialog box displays.



2. Click **Yes**.
3. The base station is deleted from the MicroDock table.

Exporting the MicroDock Table

The MicroDock table can be exported in three formats for use in other applications. Refer to Exporting Data in Fleet Manager II.

Managing the Fleet Manager II Database

The Fleet Manager II database contains all imported event logs, bump test results, calibration results, the Device User table, and the MicroDock table.

The following actions can be performed to modify the database:

- Databases can be archived for backup
- New empty databases can be created
- Fleet Manager II can switch to a previously archived database
- Location of the current database and database archives can be changed
- Archived databases can be merged with the current database. The merge database feature can be useful if multiple locations are compiling data and records are kept in a central location.

Important: To share the Fleet Manager II database or archived databases, ensure all instances of Fleet Manager II share the same database address. Refer to Switching the Current Database Location or Switching the Archived Database Location.

Note

Fleet Manager II does not store datalogs as part of the Fleet Manager II database. As a result, datalogs cannot be archived. To delete the datalogs, refer to Removing Datalogs.

Merge Databases

Archived databases can be merged with the current database. The merge database feature can be useful if multiple locations are compiling data and records are kept in a central location.

A database must be archived first before merging it with a current database. To archive a current database, refer to Archiving the Current Database.

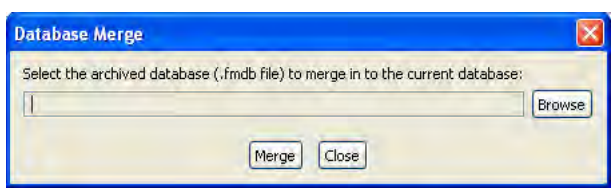
Note

If merging databases between different languages, the database will contain multiple languages.

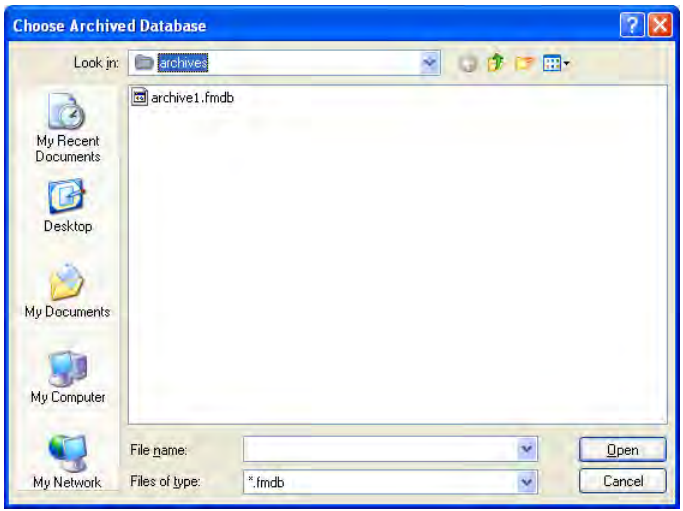
To merge databases, complete the following.

1. Login to the Administration functions.
2. From the **Database** toolbar, click **Merge**.

   The Database Merge dialog box displays.



3. Click **Browse**. The Choose Archived Database dialog displays.



The location of the archived databases is defined in Database Settings in the Database toolbar. Refer to Switching the Archived Database Location.

4. Select a .fmdb file and click **Open**. The file path name displays in the Database Merge dialog box.

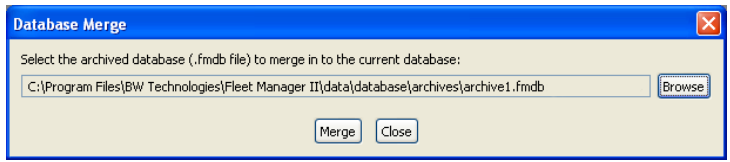
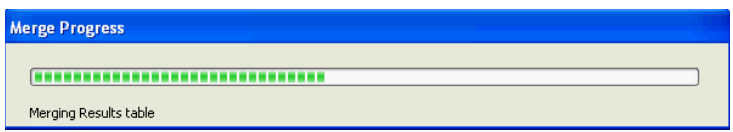


Figure 182. Database Merge Dialog Box with File Path

5. Click **Merge**. The Merge Progress pop up displays.



When the merge is complete, the following dialog box displays.

The current database has been successfully merged with:
C:\Program Files\BW Technologies\Fleet Manager II\data\database\archives\archive1.fmdb
OK

Click **OK**.

Error during Merge

If the merge is unsuccessful, the following dialog box displays.

Contact BW Technologies by Honeywell if this occurs.

Exporting the Bump Test and Calibration Results

Fleet Manager II can send the bump test and calibration results in the current Logs / Results database as a CSV file to an FTP server.

Note

To export the results in other data formats via an FTP server, contact BW Technologies by Honeywell.

Before exporting the data, the FTP address, login name, and password must be configured.

Configuring the FTP information

To configure the FTP address, login name, and password, complete the following:

1. Right click **My Computer** and then click **Open** in the context menu.
2. Under **Hard Disk Drives**, click **Local Disk (C:)**.
3. Click **Program Files**.
4. Click **BW Technologies**.
5. Click **Fleet Manager II**.
6. Right click **exportDB**.
7. Click **Open With** from the context menu and select **Notebook**.
8. Locate the line beginning with **`location=`**.
9. Highlight the FTP address between the quotation marks that begins with **`ftp://`**. Refer to Figure 183.

```
<?xml version="1.0" encoding="UTF-8"?>
<exportConfiguration>
<!-- tables to export -->
        <table name="Results">
                <columns>
                TestDateTime,SerialNumber,Test,TestResult,
                LastCal,NextCal,AudioSensors,VideoSensors,
                Sensor1ZeroStatus,Sensor1Result,Sensor2ZeroStatus,Sensor2Result,
                Sensor3ZeroStatus,Sensor3Result,Sensor4ZeroStatus,Sensor4Result,
                Inlet2Concentration,Inlet2Type,Inlet2Notes,Inlet2Used
                <!-- ordered list of columns to export (use *) for all -->
                </columns>
                <output type="multi" format="csv" fileOrColumn="MDSerialNumber"
                        location="ftp://bwt1:bwt2@localhost/upload">
                        <!-- location: ftp://name:password@host/directory -->
                </output>
        </table>
</exportConfiguration>
```

Figure 183. Highlighting the FTP Address

10. Replace the FTP address between the two quotation marks with the correct FTP address.
11. Click **File** then **Save**.
12. Locate the line that begins with **`<!-- location:`**
13. Input the name, password, host and directory.

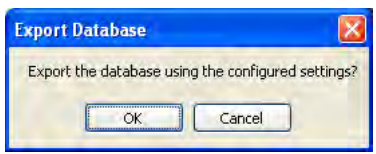
    Ensure the punctuation between the words is not changed.
14. Save the file and then close the file.

Exporting the Fleet Manager II Database

To export the Fleet Manager II database, complete the following:

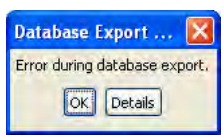
1. Ensure the correct database is selected. Refer to Switching between Fleet Manager II Databases.
2. From the **Database** toolbar, click **Export**.

   The Export Database dialog box displays.



3. Click **OK**.
   - If the database export was successful, the Export Database dialog box displays.

   Click **OK**.
   - If the database export was unsuccessful, the following dialog box displays.



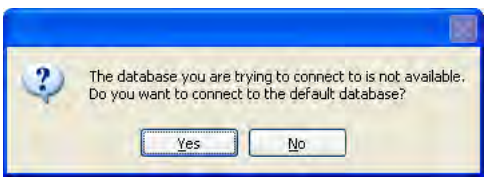
   Click **OK**, and refer to An Error When Exporting to an FTP Server.

Switching the Current Database Location

Note

If installing more than one instance of Fleet Manager II, ensure all instances have the same current database location to share information.

If the current database has been changed and Fleet Manager II is unable to locate the current database, the following dialog box displays.



Click **Yes** to switch to the default current database. If **Yes** is clicked, the Fleet Manager II database will be empty. To connect to the previous current database, switch the current database location.

To switch the location of the current database, complete the following:

1. Login to the Administration functions.
2. From the **Database** toolbar, click **Database Setting**.

   The Database Settings dialog box displays.

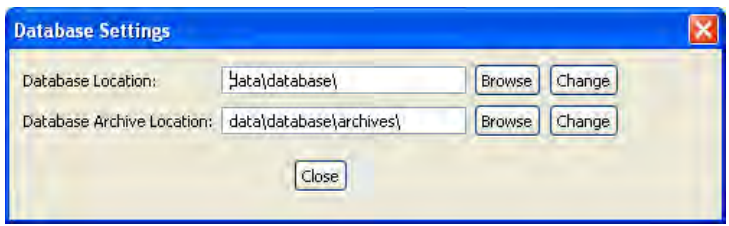


Figure 184. Change Database Settings Dialog Box

3. The current location for the database displays in the database location field. Refer to Figure 184. To select a new location, click **Browse**.

   The Choose Database Location dialog box displays.

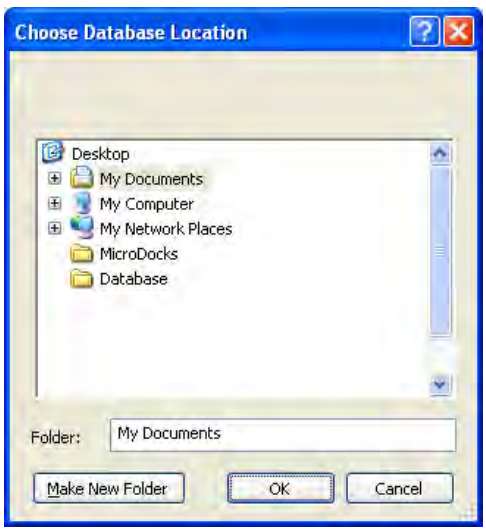


Figure 185. Choose Database Location Dialog Box

4. Select a new location. Click **OK**.

   The new address displays in the database location field.

Note

The new address is highlighted red to indicate a change was made.

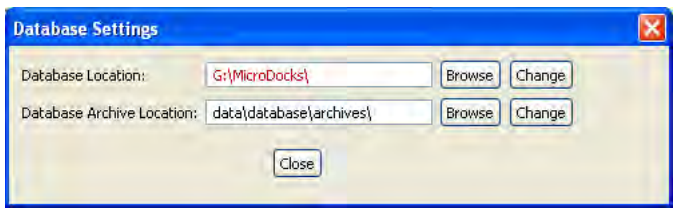
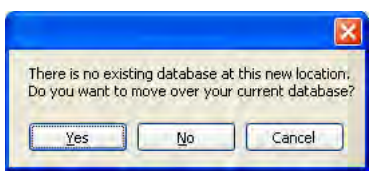


Figure 186. Changed Address

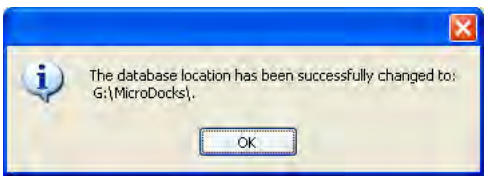
5. Click **Change**. The following dialog box displays.



6. If **Yes** is clicked, the current database will be copied to the new location and all data will be there.

   If **No** is clicked, the current database will not be copied to the new location and the database will be empty.

   After selecting an option, the following dialog box displays.



7. Click **OK**.

Switching the Archived Database Location

Note

If installing more than one instance of Fleet Manager II, ensure all instances have the same archived database location.

To switch the archived database location, complete the following:

1. Login to the Administration functions.
2. From the **Database** toolbar, click **Database Setting**.

   The Change Database Settings dialog box displays.

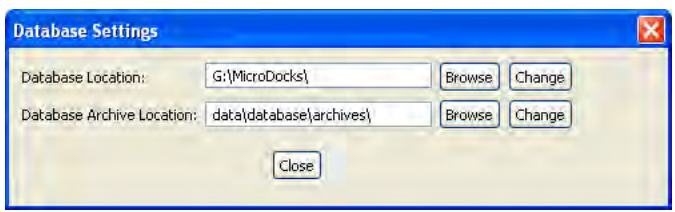


Figure 187. Change Database Settings Dialog Box

3. The current location for the archive database displays in the database location field. Refer to Figure 187. To select a new location, click **Browse**.

   The Choose Database Location dialog box displays.

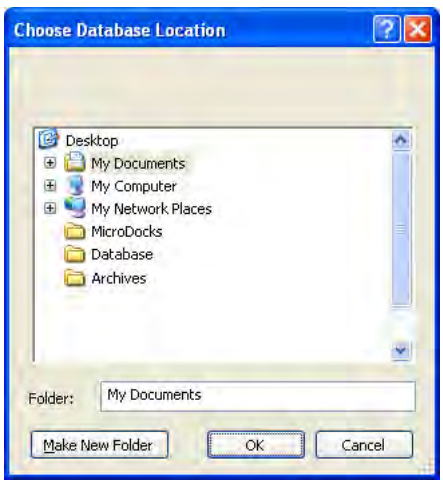


Figure 188. Choose Database Location Dialog Box

4. Select a new location. Click **OK**.

   The new address displays in the database location field.

   Note

   The new address is red to indicate a change was made.

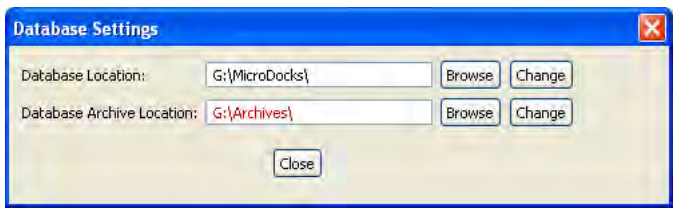
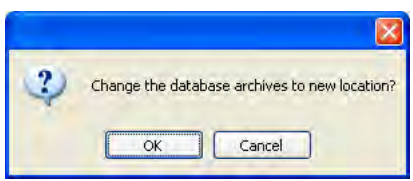


Figure 189. Database Settings Dialog Box With New Address

5. Click **Change**. The following dialog box displays.



6. Click **OK**. The following dialog box displays.

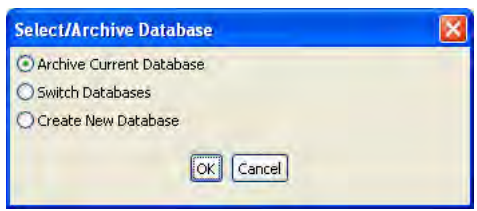
7. Click **OK**.

Archiving the Current Database

To archive a current database, complete the following:

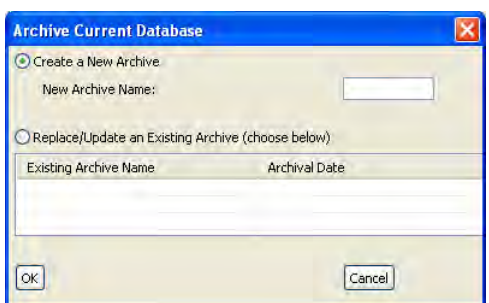
1. Login to the Administrative functions.
2. From the **Database** toolbar, click **Select / Archive.**

   The Select / Archive Database dialog box displays.



3. Select **Archive Current Database**, and click **OK**.

   The Archive Current Database dialog box displays.



Note

If a Fleet Manager II database has not been previously archived, an archived database will not exist.

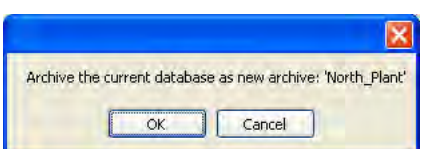
4. Select **Create a New Archive** and enter a new archive name. Click **OK**.

Note

*The database name can contain only "**0-9**", "**a-z**", "**A-Z**", "**.**", "_", and "**-**".*

Figure 190. Entering An Archive Name

The following dialog box displays to confirm that the current database should be archived under the entered name.



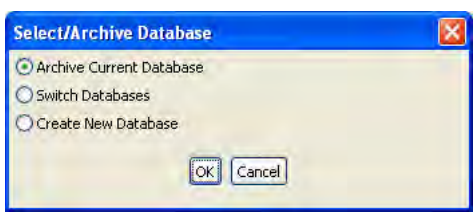
5. Click **OK**.
6. The following dialog box displays. Click **OK**.

Update/Replace an Existing Archived Fleet Manager II Database

To update/replace an existing archive, complete the following:

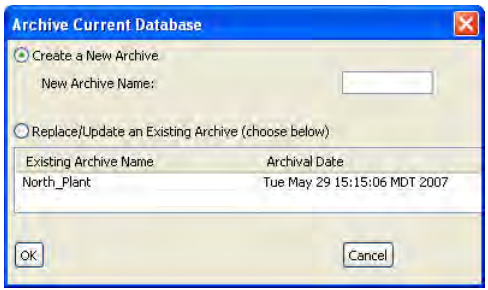
1. Login to the Administrative functions.
2. From the **Database** toolbar, click **Select / Archive.**

   The Select / Archive dialog box displays.



3. Select **Archive Current Database**, and click **OK**.

   The Archive Current Database dialog box displays.



4. Select **Replace/Update an Existing Archive (choose below)**.
5. Select an archive to update or replace, and click **OK**.

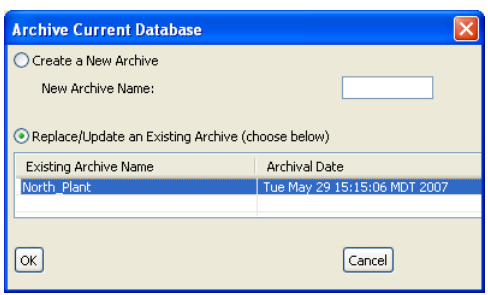
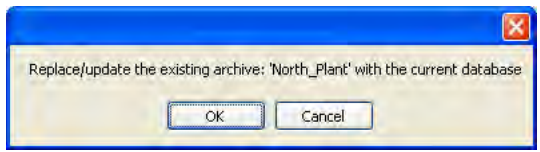


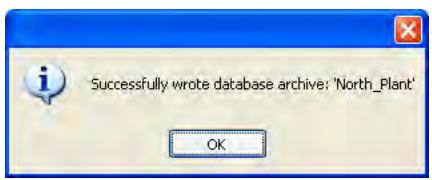
Figure 191. Select Which Database to Replace/Update

   The following dialog box displays to confirm the existing archive should be replaced or updated with the current database.



6. Click **OK**.

   The following dialog box displays.



7. Click **OK**.

Switching between Fleet Manager II Databases

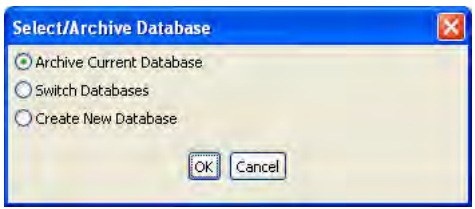
To switch between different Fleet Manager II databases, two or more Fleet Manager II databases must exist.

To switch between Fleet Manager II databases, complete the following:

1. Login to the Administrative functions.

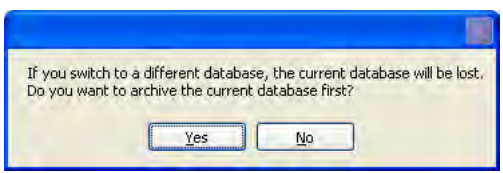
2. From the **Database** toolbar, click **Select / Archive.**

   The Select / Archive dialog box displays.



3. Select **Switch Databases**, and click **OK**.

   The following dialog box displays.

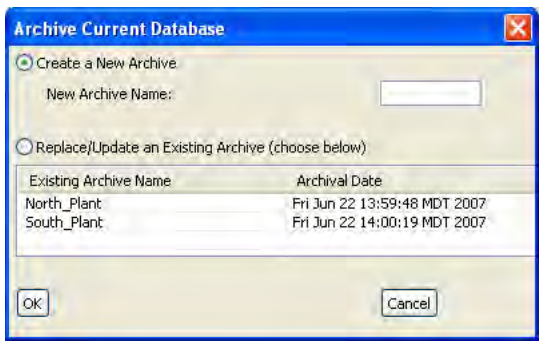

If you switch to a different database, the current database will be lost.
Do you want to archive the current database first?
Yes
No

4. Click **Yes**.

5. Select **Create a New Archive**. Refer to Archiving the Current Database.

   Or

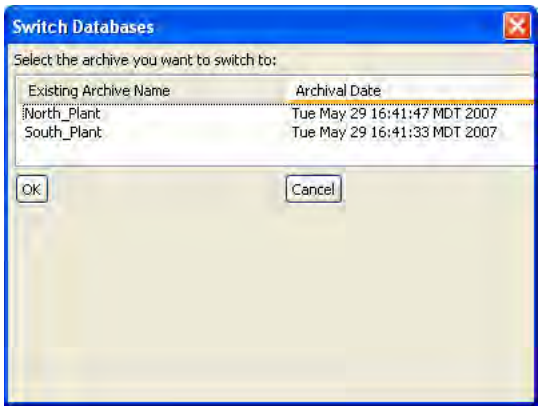
   Select **Replace/Update an Existing Archive**. Refer to Update/ Replace an Existing Archived Fleet Manager II Database.



6. Click **OK**.

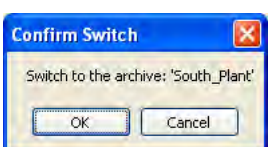
7. Depending on which option was selected, a dialog box displays. Click **OK**.

   The Switch Databases dialog box displays.



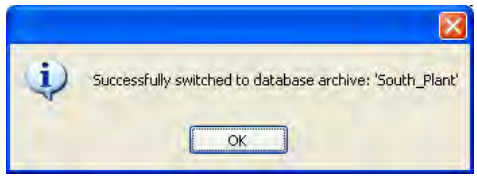
8. Select the database to switch to, and click **OK**.

   The following dialog box displays.



9. Click **OK**.

   A dialog box displays the message **Successfully switched to database archive**.



10. Click **OK**.

Creating A New Fleet Manager II Database

When a new Fleet Manager II database is created, the following is empty:

- Logs / results database, including detector event logs and bump test and calibration results;
- Device users database, and
- MicroDock database.

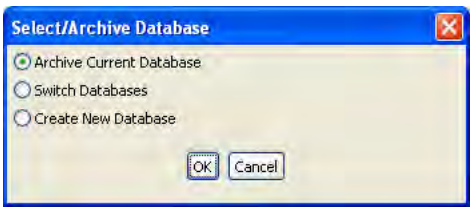
The detector datalogs and data archives remain in the new database. To remove the datalogs, refer to Removing Datalogs.

To create a new Fleet Manager II database, complete the following:

1. Login to the Administrative functions.

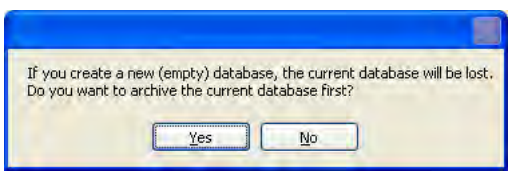
2. From the **Database** toolbar, click **Select / Archive.**

   The Select / Archive Database dialog box displays.



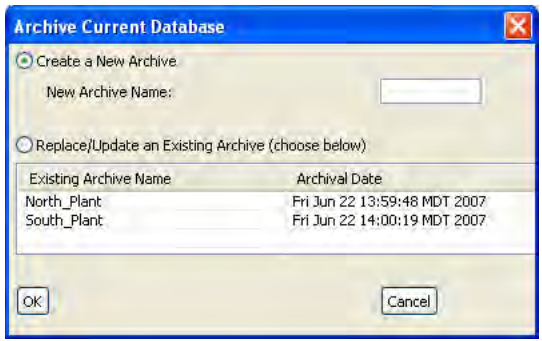
3. Select **Create New Database**, and click **OK**.

   The following dialog box displays and asks if the current database should be archived before creating a new database.


If you create a new (empty) database, the current database will be lost.
Do you want to archive the current database first?
Yes
No

4. Click **Yes**.

   The Archive Current Database dialog box displays.



5. Select **Create a New Archive**. Refer to Archiving the Current Database.

   Or

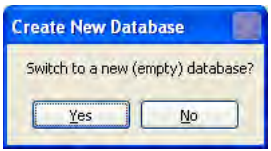
   Select **Replace/Update an Existing Archive.** Refer to Update/Replace an Existing Archived Fleet Manager II Database.

6. Click **OK**.

   A dialog box displays, depending on which option was select.

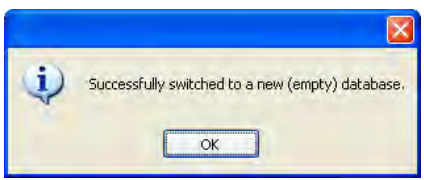
7. Click **OK**.

   The following dialog box displays.



8. Click **Yes**.

   The following dialog box displays indicating the switch was successful.



Note

Datalogs from the previous database now display in the new databases. To delete the datalogs, refer to Removing Datalogs.

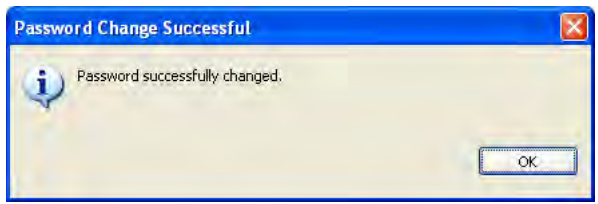
Changing the Administration Function Password

To change the Administration functions password, complete the following:

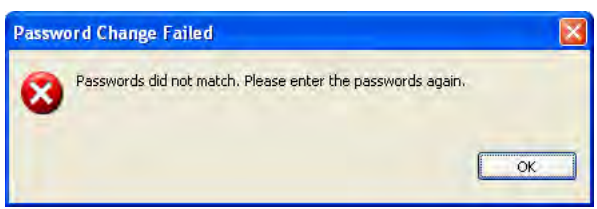
1. Login to the Administration functions.
2. Click **Password Change**.

   The Password Change dialog box displays.

3. Enter the existing password in the **Enter Old Password** field.
4. Enter a new password in the **Enter New Password** field.
5. Re-enter the new password in the **Re-enter to Confirm** field.
6. Click **OK**.
   - If the password change is successful, the Password Change Successful dialog box displays.



   Click **OK**.
   - If the password change was unsuccessful, the Password Change Failed dialog box displays.
   - Click **OK**. Repeat steps #2-6
   - Ensure the Caps Lock is not on.

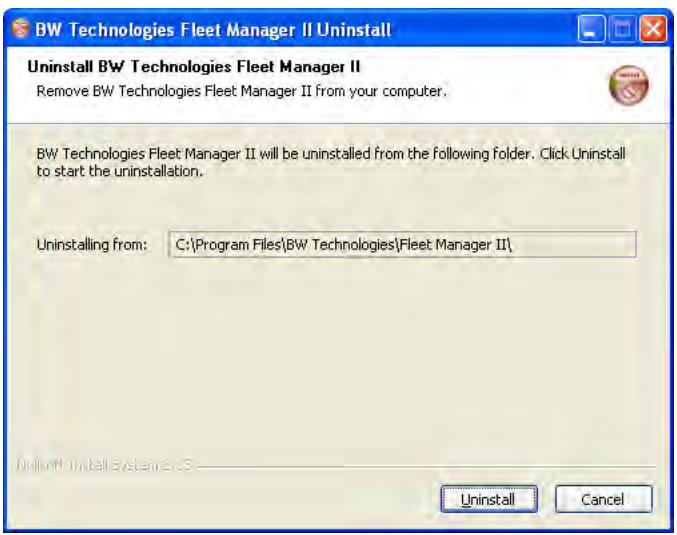


Uninstalling Fleet Manager II

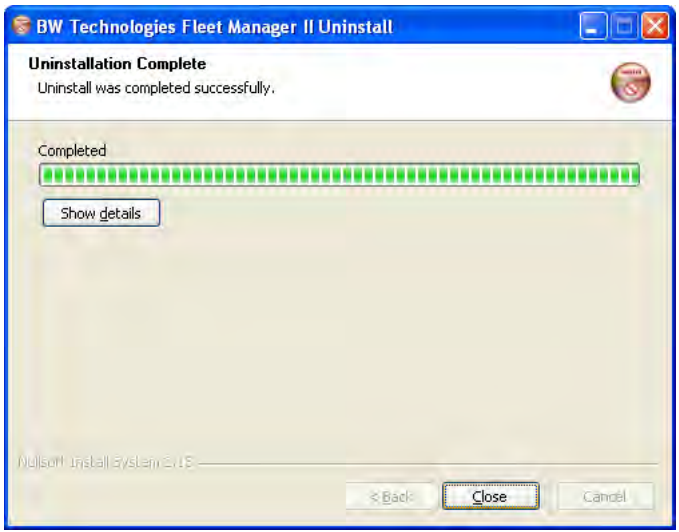
To uninstall Fleet Manager II, complete the following:

1. Click **Start Menu**.
2. Click **Programs**.
3. Click **BW Technologies**.
4. Click **Fleet Manager II**.
5. Click **BW Technologies Fleet Manager II Uninstall**.

   The Fleet Manager II Uninstall dialog box displays.


BW Technologies Fleet Manager II Uninstall
Uninstall BW Technologies Fleet Manager II
Remove BW Technologies Fleet Manager II from your computer.
BW Technologies Fleet Manager II will be uninstalled from the following folder. Click Uninstall to start the uninstallation.
Uninstalling from:
C:\Program Files\BW Technologies\Fleet Manager II\
Uninstall
Cancel

6. Click **Uninstall**.
7. When the uninstall is complete, the Uninstall Complete dialog box displays.



8. Click **Close**.

Troubleshooting

MicroDock II Does Not Display in the Save to MicroDock(s) Dialog Box When Saving a Configuration File

The base station may not be activated. Ensure the base station is activated before saving.

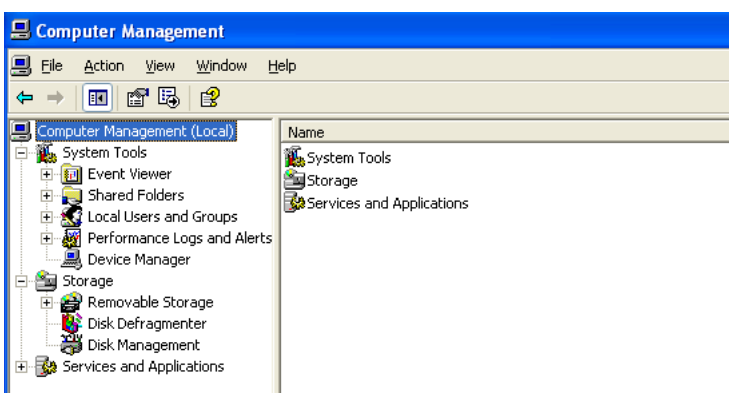
MicroDock II Does Not Display when Importing

A drive letter may not have been assigned to the base station so Windows XP is not correctly mapping the drive.

To create a drive letter for the base station, complete the following:

1. Right click **My Computer** and then click **Manage**.

   The Computer Management dialog box displays.



2. Under **Computer Management (Local)** click **Disk Management**.
3. In the list of drives in the right-hand pane, right click the new drive and then click **Change Drive Letter and Path(s)**.

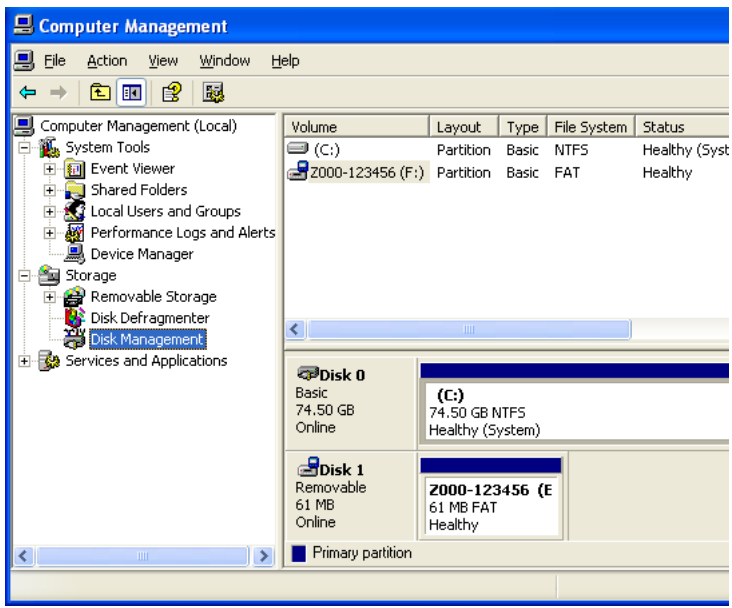
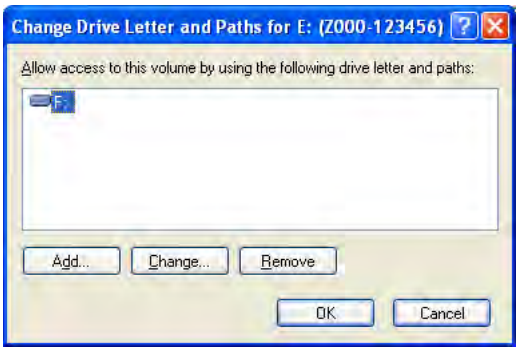
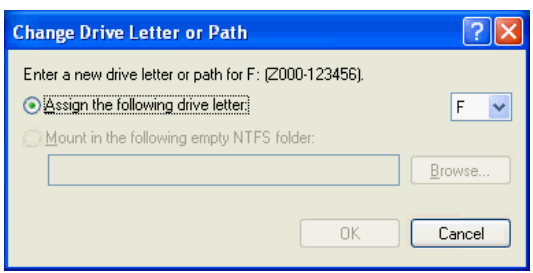


Figure 192. Computer Management With Drives

The Change Drive Letter and Paths dialog box displays.



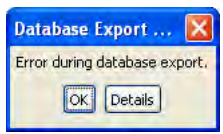
4. Click **Change.** The Change Drive Letter or Path dialog box displays.



5. In the drop-down menu, select a drive letter for the new drive. The new drive letter cannot be assigned to a mapped network drive.
6. Click **OK** and then click **OK** again.
7. Click **Import** under the Devices toolbar.
8. Click **Refresh**. The base station now displays.

An Error When Exporting to an FTP Server

If the Database Export Error dialog box displays, complete the following:



- The FTP server may be down. Consult the IT department

  Or
- The FTP address is incorrect. To correct the FTP address, complete the following:

1. Right click **My Computer** and then click **Open** in the context menu.
2. Under **Hard Disk Drives**, click **Local Disk (C:)**.
3. Click **Program Files**.
4. Click **BW Technologies**.
5. Click **Fleet Manager II**.
6. Right click **exportDB**.
7. Click **Open With** from the context menu and click **Notebook**.
8. Locate the line beginning with **location="**.

9. Highlight the FTP address between the quotation marks that begins with **ftp://**. Refer to Figure 193.

```
<?xml version="1.0" encoding="UTF-8"?>
<exportConfiguration>
<!-- tables to export -->
        <table name="Results">
                <columns>
                TestDateTime,SerialNumber,Test,TestResult,
                LastCal,NextCal,AudioSensors,VideoSensors,
                Sensor1ZeroStatus,Sensor1Result,Sensor2ZeroStatus,Sensor2Result,
                Sensor3ZeroStatus,Sensor3Result,Sensor4ZeroStatus,Sensor4Result,
                Inlet2Concentration,Inlet2Type,Inlet2Notes,Inlet2Used
                <!-- ordered list of columns to export (use *) for all -->
                </columns>
                <output type="multi" format="csv" fileOrColumn="MDSerialNumber"
                        location="ftp://bwt1:bwt2@localhost/upload">
                        <!-- location: ftp://name:password@host/directory -->
                </output>
        </table>
</exportConfiguration>
```

Figure 193. Highlighting the FTP Address

10. Replace the FTP address between the two quotation marks with the correct FTP address.
11. Click **File** then **Save**.

Appendix A: Defining Column Headings

This appendix defines the various column headings in the Logs / Results View, Device Users, and MicroDock tables.

Bump / Cal Results

Column Heading	Definition	Detector
Audio Sensors	If the audible alarms passed the MicroDock test.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
CO STEL Period	Length of the STEL calculation period for the CO sensor.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Datalog Interval	How often a datalog is recorded.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Definable 1 / Definable 2 / Definable 3 / Definable 4	User-definable category set in the Device Users table.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT
Device Status	Active, Inactive, Out for Service, Out of Service, or a user-defined status set in the Device Users table.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro

Column Heading	Definition	Detector
Device Type	Type of detector.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Device User	Name of the device user. Defined in the Device Users table.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Dock Location	Place where the MicroDock is located. Defined in the MicroDock table.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Dock Serial Number	Serial number for the MicroDock II.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
H_2S STEL Period	Length of the short-term exposure limit calculation period for the H_2S sensor.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Inlet (1, 2, 3, 4 or 5) Concentration	Concentration of the gas. *Note: If a multi-gas gas cylinder is being used, Fleet Manager II will only display the concentration of the first gas.*	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro

Column Heading	Definition	Detector
Inlet (1, 2, 3, 4 or 5) Notes	Notes about the inlets as configured in the MicroDock.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Inlet (1, 2, 3, 4 or 5) Type	Type of gas used in that inlet.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Inlet (1, 2, 3, 4 or 5) Used	If the inlet was used during the bump test or calibration	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Last Bump	Date of the last bump test.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlertQuattro
Location	Location of the detector. Defined in the Device Users table.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Next Bump Due	Date of the next bump test.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlertQuattro

Column Heading	Definition	Detector
Next Cal Due	Date of the next calibration.	GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Pump Enabled	Indicates if the pump was enabled.	GasAlertMicro 5/PID/IR
Sensor 1 Final Reading	Concentration of the calibration gas.	GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlertQuattro
Sensor 1 High Alarm	High alarm setpoint for the sensor.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Sensor 1 Low Alarm	Low alarm setpoint for the sensor.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Sensor 1 Next Calibration Due	Next calibration date for the sensor.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlertQuattro
Sensor 1 Result	If the sensor passed the bump test or calibration.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro

Column Heading	Definition	Detector
Sensor 1 STEL Alarm	STEL setpoint for the sensor.	GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlertQuattro
Sensor 1 TWA Alarm	TWA setpoint for the sensor.	GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlertQuattro
Sensor 1 Type	Type of sensor.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Sensor 1 Zero Status	If the sensor passed the auto zero before the calibration.	GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlertQuattro
Sensor (2, 3, or 4) Final Reading	Concentration of the calibration gas.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Sensor (2, 3, or 4) High Alarm	High alarm setpoint for the sensor.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro

Column Heading	Definition	Detector
Sensor (2, 3, or 4) Low Alarm	Low alarm setpoint for the sensor.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Sensor (2, 3, or 4) Next Calibration Due	Next calibration date for the sensor.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Sensor (2, 3, or 4) Result	If the sensor passed the bump test or calibration.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Sensor 2 STEL Alarm	STEL setpoint for the sensor.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Sensor 2 TWA Alarm	TWA setpoint for the sensor.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Sensor (3 or 4) STEL Alarm	STEL setpoint for the sensor.	GasAlertMicro 5/PID/IR
Sensor (3 or 4) TWA Alarm	TWA setpoint for the sensor.	GasAlertMicro 5/PID/IR
Sensor (2, 3, or 4) Type	Type of sensor.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro

Column Heading	Definition	Detector
Sensor (2, 3, or 4) Zero Status	If the sensor passed the auto zero before the calibration.	GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Sensor 5 Final Reading	Concentration of the calibration gas.	GasAlertMicro 5/PID/IR
Sensor 5 High Alarm	High alarm setpoint for the sensor.	GasAlertMicro 5/PID/IR
Sensor 5 Low Alarm	Low alarm setpoint for the sensor.	GasAlertMicro 5/PID/IR
Sensor 5 Next Calibration Due	Next calibration date for the sensor.	GasAlertMicro 5/PID/IR
Sensor 5 Result	If the sensor passed the bump test or calibration.	GasAlertMicro 5/PID/IR
Sensor 5 STEL Alarm	STEL setpoint for the sensor.	GasAlertMicro 5/PID/IR
Sensor 5 TWA Alarm	TWA setpoint for the sensor.	GasAlertMicro 5/PID/IR
Sensor 5 Type	Type of sensor.	GasAlertMicro 5/PID/IR
Sensor 5 Zero Status	If the sensor passed the auto zero before the calibration.	GasAlertMicro 5/PID/IR
Serial Number	Serial number of the detector.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
STEL Period	Length of the STEL calculation period.	GasAlert Extreme, GasAlertMicro, GasAlertMicro 5/PID/IR

Column Heading	Definition	Detector
Supervisor	Name of device user's supervisor	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Supervisor Email	Email address for the supervisor.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Test	Bump test or calibration.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Test Date Time	Time and date stamp for when a test was initiated.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Test Note	Additional information regarding bump tests and calibrations.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro

Column Heading	Definition	Detector
Test Result	If the detector passed or failed the test.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
Unit Programmed	If the unit was reprogrammed with a new detector configuration	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro
User Email	Email address for the user.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT, GasAlertQuattro
Visual Sensors	If the LEDs passed the test.	GasAlertClip Extreme, GasAlert Extreme, GasAlertMicroClip / GasAlertMicroClip XT, GasAlertMicro, GasAlertMicro 5/PID/IR, GasAlertMax XT / GasAlertMax XT II, GasAlert-Quattro

GasAlertQuattro Datalogs

Column Heading	Definition
50% LEL=(%CH4)	If the European (2.2) or American (2.5) standard for LEL measurement is applied
Battery Reading	Battery voltage at the time of the datalog recording
$CO/H_2S/LEL/O_2$ Bump Int	Length of time between bump tests (days) for the sensor.
$CO/H_2S/LEL/O_2$ Cal Int	Length of time between calibrations (days) for the sensor.
$CO/H_2S/LEL/O_2$ Days Since Last Bump	Date of the last bump test.
$CO/H_2S/LEL/O_2$ Days Since Last Cal	Date of the last calibration.
$CO/H_2S/LEL/O_2$ High Alarm Pt	High alarm setpoint for the sensor.
$CO/H_2S/LEL/O_2$ Low Alarm Pt	Low alarm setpoint for the sensor.
$CO/H_2S/LEL/O_2$ Options	Configuration options enabled for the sensor.
$CO/H_2S/LEL/O_2$ Reading	Current gas concentration at the time of the datalog.
$CO/H_2S/LEL/O_2$ Status	Type of alarm and other possible states.
CO/H_2S STEL	Current STEL value.
CO/H_2S STEL Alarm Pt	A sensor's STEL setpoint.
CO/H_2S STEL Int	Length of the STEL period (minutes).
CO/H_2S TWA	Current TWA value.
CO/H_2S TWA Alarm Pt	A sensor's TWA setpoint.
CO/H_2S TWA Int	Length of the TWA period (hours).
Language	Language displayed on the LCD.
LEL CF	LEL correction factor
Log Interval	How often the detector records a datalog
Log Time	Time the datalog was created
Log Type	Type of event that occurred
Serial Number	Serial number of the detector
Temperature	Temperature measurement in Celcius
Unit Options	Currently enabled device configuration options
Unit Status	Type of alarm and other possible states

GasAlertMax XT / GasAlertMax XT II Datalogs

Column Heading	Definition
$CO/H_2S/LEL/O_2$ Bump Int	Length of time between bump tests (days) for the sensor.
$CO/H_2S/LEL/O_2$ Cal Int	Length of time between calibrations (days) for the sensor.
$CO/H_2S/LEL/O_2$ High Alarm Pt	High alarm setpoint for the sensor.
$CO/H_2S/LEL/O_2$ Last Bump	Date of the last bump test.
$CO/H_2S/LEL/O_2$ Last Cal	Date of the last calibration.
$CO/H_2S/LEL/O_2$ Low Alarm Pt	Low alarm setpoint for the sensor.
$CO/H_2S/LEL/O_2$ Options	Configuration options enabled for the sensor.
$CO/H_2S/LEL/O_2$ Reading	Current gas concentration at the time of the datalog.
$CO/H_2S/LEL/O_2$ Status	Type of alarm and other possible states.
CO/H_2S STEL	Current STEL value.
CO/H_2S STEL Alarm Pt	A sensor's STEL setpoint.
CO/H_2S STEL Int	Length of the STEL period (minutes).
CO/H_2S TWA	Current TWA value.
CO/H_2S TWA Alarm Pt	A sensor's TWA setpoint.
CO/H_2S TWA Int	Length of the TWA period (hours).
Language	Language displayed on the LCD.
Log Interval	How often the detector records a datalog.
Log Time	Time the datalog was created.
Log Type	Type of event that occurred.
Serial Number	Serial number of the detector.
Unit Options	Currently enabled device configuration options.
Unit Status	Type of alarm and other possible states.

GasAlertMicro Datalogs

Column Heading	Definition
Battery Status	If a low battery alarm occurred.
CO/H_2S/LEL/O_2	Current gas concentration at the time of the datalog.
CO/H_2S/LEL/O_2 Status	If the sensor was in alarm, what type of alarm.
CO/H_2S TWA	Current TWA concentration at the time of the datalog.
Last Cal (Days)	Days elapsed since the last calibration (days).
Log Time	Time the datalog was created.
Log Type	Type of datalog.
Next Cal (Days)	Days until the next calibration is due.
Serial Number	Serial number of the detector.
Unit Status	Status of the detector.

GasAlert Extreme Datalogs

Column Heading	Definition
Gas Type	Type of gas the GasAlert Extreme detects
Log Time	Time the datalog was created.
Log Type	Type of datalog.
Options	User options enabled at the time of the datalog
Serial Number	Serial number of the detector.
Status	Overall status of the detector
STEL	Current gas STEL concentration at the time of the datalog
STEL Period	Length of the STEL period (minutes).
TWA	Current gas TWA concentration at the time of the datalog
Value	Current gas concentration at the time of the datalog

GasAlertMicro 5/PID/IR Datalogs

Column Heading	Definition
Datalogger Status	Status of the MMC.
LEL/Toxic 1 CF	Correction factor in use for the sensor.
LEL/O_2/Toxic 1, 2, 3 Reading	Gas concentration at the time of the datalog.
LEL/O2/Toxic 1, 2, 3 Status	Status of the sensor.
LEL Units	Indicates if LEL is measured in %LEL or % v/v methane.
Log Time	Time the datalog was created.
Pump Status	Status of the pump.
Serial Number	Serial number of the detector.

Column Heading	Definition
Toxic 1, 2, or 3 Sensor	Type of sensor.
Toxic 1, 2, or 3 STEL	Current STEL concentration at the time of the datalog.
Toxic 1, 2, or 3 TWA	Current TWA concentration at the time of the datalog.
Unit1 Status	System events
Unit2 Status	System events
VOX	N/A

GasAlertMicroClip / GasAlertMicroClip XT Datalogs

Column Heading	Definition
Bump	If the detector passed or failed its bump test.
Bump Interval	Length of time between bump tests (days).
Cal Interval	Length of time between calibrations (days).
CO/H_2S/LEL/O_2 Reading	Current gas concentration at the time of the datalog.
CO/H_2S/LEL/O_2 Status	If the sensor was in alarm, what type of alarm.
CO/H_2S STEL	Current STEL concentration at the time of the datalog.
CO/H_2S TWA	Current TWA concentration at the time of the datalog.
Device Count	Seconds that elapsed since the detector's first deactivation.
Gas Configuration	Configuration options for the sensor.
High Alarm	High alarm setpoint.
Language	Language the GasAlertMicroClip is using.
Last Bump Date	Date of the last bump test.
Last Cal Date	Date of the last calibration.
Log Time	Time the datalog was created.
Log Type	Type of datalog.
Low Alarm	Low alarm setpoint.
Serial Number	Serial number of the detector.
Status	Overall status of the detector.
STEL Alarm	A sensor's STEL setpoint.
STEL Period	Length of the STEL period (minutes).
TWA Alarm	A sensor's TWA setpoint
Unit Options	Currently enabled device configuration options.
Unit Status	Status of the detector.

GasAlertClip Extreme Event Logs

Column Heading	Definition
Definable 1, 2, 3, 4	User-definable category for device users. Defined in the Device Users table.
Device Status	Detector status. Defined in the Device Users table.
Device User	The device user's name. Defined in the Device Users table.
Device's Remaining Lifetime	Life remaining for detector.
Duration of Alarm	Duration of the alarm (seconds).
Event Start Time	Time the event began.
Event Type	Type of event.
High Alarm Setpoint	High alarm setpoint.
Location	Location of the detector. Defined in the Device Users table.
Low Alarm Setpoint	Low alarm setpoint.
Peak Gas Reading	Highest concentration of gas during an event.
Remaining Minutes	Minutes of life remaining for the detector.
Serial Number	Serial number of the detector.
Supervisor	Name of device user's supervisor Defined in the Device Users table.
Supervisor Email	Email address for the supervisor
Total Events	Total number of events in a detector's lifetime.
Total Self-Tests	Total number of self-tests in a detector's lifetime.
Total Unit Alarm Time	Total minutes of alarm in a detector's lifetime.
User Email	Email address for the user

GasAlert Extreme Event Logs

Column Heading	Definition
Alarm Ended	Time the alarm ended.
Alarm Started	Time the alarm started.
Definable 1, 2, 3, 4	User-definable category for device users. Defined in the Device Users table.
Detected Gas	Type of gas detected by the detector.
Device Status	Overall detector status. Defined in the Device Users table.
Device User	The device user's name. Defined in the Device Users table.
Location	Location of the detector. Defined in the Device Users table.
Peak Exposure	Highest concentration of gas during an event.
Serial Number	Serial number of the detector.
Supervisor	Name of device user's supervisor. Defined in the Device Users table.
Supervisor Email	Email address for the supervisor
Type of Exposure	Type of exposure.
User Email	Email address for the user

GasAlertMicroClip / GasAlert MicroClip XT Event Logs

Column Heading	Definition
Bump?	Indicates if the event was a bump test from a MicroDock.
CO/H_2S/O_2/LEL Peak	Peak gas concentration during the event.
Definable 1, 2, 3, 4	User-definable category for device users.
Device Status	Overall detector status.
Device User	The device user's name.
Duration (seconds)	Duration of the event (seconds).
Event Start Time	Time the event began.
Event Type	Type of event.
Location	Location of the detector.
Serial Number	Serial number of the detector.
Start Count	The seconds that have elapsed since the beginning of the event.
Supervisor	Name of device user's supervisor.
Supervisor Email	Email address for the supervisor
User Email	Email address for the user

GasAlertMax XT / GasAlertMax XT II Event Logs

Column Heading	Definition
Definable 1, 2, 3, 4	User-definable category for device users.
Device Status	Overall detector status.
Device User	The device user's name.
Duration	Duration of the event (seconds).
Event Type	If the event was a bump test or an event.
$CO/H_2S/O_2$/LEL Peak	Peak gas concentration during the event.
$CO/H_2S/O_2$/LEL Status	Alarm condition for the sensor.
Location	Location of the detector.
Serial Number	Serial number of the detector.
Start Time	Time the event began.
Supervisor	Name of device user's supervisor.
Supervisor Email	Email address for the supervisor
User Email	Email address for the user

GasAlertQuattro Event Logs

Column Heading	Definition
Definable 1, 2, 3, 4	User-definable category for device users.
Device Status	Overall detector status.
Device User	The device user's name.
Duration	Duration of the event (seconds).
Event Type	If the event was a bump test or an event.
$CO/H_2S/O_2$/LEL Peak	Peak gas concentration during the event.
$CO/H_2S/O_2$/LEL Status	Alarm condition for the sensor.
Location	Location of the detector.
Serial Number	Serial number of the detector.
Start Time	Time the event began.
Supervisor	Name of device user's supervisor.
Supervisor Email	Email address for the supervisor
User Email	Email address for the user

Device Users Table

Column Heading	Definition
Definable 1, 2, 3, 4	User-definable category for device users.
Device Status	Overall detector status.
Device Type	Type of detector.
Location	Location of the MicroDock.
Serial Number	Serial number of the detector.
Supervisor	Name of device user's supervisor.
Supervisor Email	Email address for the supervisor
User Email	Email address for the user
User Name	Name of the detector user.

MicroDock Table

Column Heading	Definition
Location	Location of the MicroDock.
Serial Number	Serial number of the MicroDock.
Type (1-10)	Type of MicroDock docking station.

Wear yellow. Work safe.

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